



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#007 - Amos Comenius Memorial School, Hopedale

Grades: K-12

| Item | Key | School [N=5] | | | | District [N=110] | | | | Province [N=3,499] | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D |
| 1. | B | | | | | P | | 8.2 | 82.7 | 5.5 | 3.6 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 9.1 | 14.6 | 30.0 | 46.4 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | q | | 38.2 | 6.4 | 40.9 | 14.6 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | q | | 26.4 | 10.0 | 33.6 | 30.0 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | P | | 11.8 | 1.8 | 71.8 | 14.6 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 17.3 | 10.9 | 58.2 | 13.6 | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 76.4 | 2.7 | 4.6 | 16.4 | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | q | | 0.9 | 4.6 | 85.5 | 9.1 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | q | | 14.6 | 45.5 | 25.5 | 14.6 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | q | | 13.6 | 82.7 | 2.7 | 0.9 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | q | | 25.5 | 22.7 | 40.9 | 10.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 31.8 | 26.4 | 28.2 | 13.6 | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 67.3 | 15.5 | 12.7 | 4.6 | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 3.6 | 10.0 | 9.1 | 77.3 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 30.0 | 12.7 | 15.5 | 40.9 | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | q | | 41.8 | 11.8 | 9.1 | 37.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | q | | 54.6 | 12.7 | 10.9 | 21.8 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | q | | 24.6 | 58.2 | 13.6 | 3.6 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | q | | 10.0 | 10.9 | 9.1 | 69.1 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 8.2 | 25.5 | 33.6 | 32.7 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 82.7 | 9.1 | 7.3 | 0.9 | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | q | | 13.6 | 52.7 | 14.6 | 18.2 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 9.1 | 16.4 | 50.0 | 23.6 | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | q | | 45.5 | 10.0 | 24.6 | 20.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | q | | 76.4 | 5.5 | 6.4 | 11.8 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 92.7 | 3.6 | 1.8 | 1.8 | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | q | | 28.2 | 50.0 | 10.9 | 10.9 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | q | | 2.7 | 70.9 | 23.6 | 2.7 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | q | | 3.6 | 5.5 | 4.6 | 86.4 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | q | | 13.6 | 17.3 | 13.6 | 55.5 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 15.5 | 9.1 | 57.3 | 17.3 | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | q | | 52.7 | 23.6 | 11.8 | 10.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | q | | 2.7 | 17.3 | 14.6 | 65.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 32.7 | 2.7 | 60.9 | 3.6 | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | q | | 3.6 | 63.6 | 27.3 | 4.6 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | q | | 2.7 | 0.9 | 83.6 | 12.7 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | P | | 53.6 | 21.8 | 6.4 | 17.3 | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | q | | 10.0 | 70.0 | 13.6 | 6.4 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | q | | 0.0 | 9.1 | 9.1 | 81.8 | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | P | | 46.4 | 13.6 | 25.5 | 13.6 | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | q | | 55.5 | 20.9 | 12.7 | 10.9 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 8.2 | 63.6 | 16.4 | 11.8 | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | q | | 52.7 | 20.0 | 9.1 | 18.2 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | P | | 42.7 | 13.6 | 16.4 | 26.4 | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | q | | 20.9 | 38.2 | 28.2 | 11.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | q | | 10.0 | 79.1 | 6.4 | 3.6 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 5.5 | 44.6 | 13.6 | 35.5 | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | P | | 13.6 | 6.4 | 73.6 | 6.4 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | P | | 30.0 | 36.4 | 27.3 | 3.6 | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 28.2 | 16.4 | 41.8 | 12.7 | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#010 - Menihek High School, Labrador City

Grades: 8-12

| Item | Key | School [N=49] | | | | School | | District [N=110] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 8.2 | 79.6 | 6.1 | 6.1 | q | | 8.2 | 82.7 | 5.5 | 3.6 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.2 | 8.2 | 24.5 | 55.1 | | p | 9.1 | 14.6 | 30.0 | 46.4 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 51.0 | 6.1 | 36.7 | 6.1 | q | | 38.2 | 6.4 | 40.9 | 14.6 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 14.3 | 12.2 | 36.7 | 36.7 | | p | 26.4 | 10.0 | 33.6 | 30.0 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 16.3 | 0.0 | 67.4 | 16.3 | q | | 11.8 | 1.8 | 71.8 | 14.6 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 16.3 | 16.3 | 53.1 | 14.3 | q | | 17.3 | 10.9 | 58.2 | 13.6 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 83.7 | 2.0 | 4.1 | 10.2 | | p | 76.4 | 2.7 | 4.6 | 16.4 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 2.0 | 95.9 | 2.0 | | p | 0.9 | 4.6 | 85.5 | 9.1 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 14.3 | 57.1 | 10.2 | 18.4 | | p | 14.6 | 45.5 | 25.5 | 14.6 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 10.2 | 87.8 | 0.0 | 2.0 | | p | 13.6 | 82.7 | 2.7 | 0.9 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 26.5 | 30.6 | 34.7 | 8.2 | q | | 25.5 | 22.7 | 40.9 | 10.9 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 32.7 | 24.5 | 34.7 | 8.2 | | p | 31.8 | 26.4 | 28.2 | 13.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 71.4 | 6.1 | 16.3 | 6.1 | | p | 67.3 | 15.5 | 12.7 | 4.6 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 2.0 | 8.2 | 16.3 | 73.5 | q | | 3.6 | 10.0 | 9.1 | 77.3 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.5 | 10.2 | 6.1 | 61.2 | q | | 30.0 | 12.7 | 15.5 | 40.9 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 42.9 | 10.2 | 8.2 | 38.8 | | p | 41.8 | 11.8 | 9.1 | 37.3 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 59.2 | 14.3 | 8.2 | 18.4 | | p | 54.6 | 12.7 | 10.9 | 21.8 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 16.3 | 69.4 | 12.2 | 2.0 | | p | 24.6 | 58.2 | 13.6 | 3.6 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 8.2 | 4.1 | 12.2 | 75.5 | | p | 10.0 | 10.9 | 9.1 | 69.1 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 4.1 | 32.7 | 38.8 | 24.5 | | p | 8.2 | 25.5 | 33.6 | 32.7 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.7 | 12.2 | 4.1 | 0.0 | | p | 82.7 | 9.1 | 7.3 | 0.9 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.2 | 61.2 | 6.1 | 18.4 | | p | 13.6 | 52.7 | 14.6 | 18.2 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 2.0 | 14.3 | 51.0 | 30.6 | | p | 9.1 | 16.4 | 50.0 | 23.6 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 38.8 | 12.2 | 24.5 | 24.5 | q | | 45.5 | 10.0 | 24.6 | 20.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 85.7 | 4.1 | 4.1 | 6.1 | | p | 76.4 | 5.5 | 6.4 | 11.8 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 91.8 | 4.1 | 2.0 | 2.0 | q | | 92.7 | 3.6 | 1.8 | 1.8 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 22.5 | 61.2 | 10.2 | 6.1 | | p | 28.2 | 50.0 | 10.9 | 10.9 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 75.5 | 22.5 | 2.0 | | p | 2.7 | 70.9 | 23.6 | 2.7 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.1 | 2.0 | 2.0 | 89.8 | | p | 3.6 | 5.5 | 4.6 | 86.4 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 12.2 | 18.4 | 14.3 | 55.1 | q | | 13.6 | 17.3 | 13.6 | 55.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.3 | 2.0 | 67.4 | 14.3 | | p | 15.5 | 9.1 | 57.3 | 17.3 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 61.2 | 18.4 | 10.2 | 8.2 | | p | 52.7 | 23.6 | 11.8 | 10.0 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 6.1 | 8.2 | 85.7 | | p | 2.7 | 17.3 | 14.6 | 65.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 34.7 | 2.0 | 61.2 | 2.0 | | p | 32.7 | 2.7 | 60.9 | 3.6 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.1 | 67.4 | 20.4 | 4.1 | | p | 3.6 | 63.6 | 27.3 | 4.6 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 85.7 | 14.3 | | p | 2.7 | 0.9 | 83.6 | 12.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 61.2 | 10.2 | 4.1 | 22.5 | | p | 53.6 | 21.8 | 6.4 | 17.3 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 4.1 | 75.5 | 16.3 | 4.1 | | p | 10.0 | 70.0 | 13.6 | 6.4 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 4.1 | 14.3 | 81.6 | q | | 0.0 | 9.1 | 9.1 | 81.8 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 32.7 | 24.5 | 28.6 | 14.3 | | p | 46.4 | 13.6 | 25.5 | 13.6 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 61.2 | 10.2 | 12.2 | 16.3 | | p | 55.5 | 20.9 | 12.7 | 10.9 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.1 | 61.2 | 14.3 | 18.4 | q | | 8.2 | 63.6 | 16.4 | 11.8 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 73.5 | 10.2 | 8.2 | 8.2 | | p | 52.7 | 20.0 | 9.1 | 18.2 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 46.9 | 16.3 | 14.3 | 20.4 | | p | 42.7 | 13.6 | 16.4 | 26.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.6 | 42.9 | 18.4 | 8.2 | | p | 20.9 | 38.2 | 28.2 | 11.8 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 4.1 | 87.8 | 2.0 | 4.1 | | p | 10.0 | 79.1 | 6.4 | 3.6 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.1 | 53.1 | 8.2 | 32.7 | q | | 5.5 | 44.6 | 13.6 | 35.5 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 16.3 | 4.1 | 73.5 | 6.1 | q | | 13.6 | 6.4 | 73.6 | 6.4 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 44.9 | 30.6 | 18.4 | 4.1 | q | | 30.0 | 36.4 | 27.3 | 3.6 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 26.5 | 8.2 | 49.0 | 16.3 | | p | 28.2 | 16.4 | 41.8 | 12.7 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#014 - Jens Haven Memorial, Nain

Grades: K-12

| Item | Key | School [N=6] | | | | School Below Above District | District [N=110] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 33.3 | 50.0 | 16.7 | 0.0 | q | 8.2 | 82.7 | 5.5 | 3.6 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 0.0 | 66.7 | 16.7 | q | 9.1 | 14.6 | 30.0 | 46.4 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 16.7 | 0.0 | 33.3 | 50.0 | q | 38.2 | 6.4 | 40.9 | 14.6 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.7 | 0.0 | 33.3 | 50.0 | p | 26.4 | 10.0 | 33.6 | 30.0 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 33.3 | 66.7 | q | 11.8 | 1.8 | 71.8 | 14.6 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 33.3 | 0.0 | 66.7 | 0.0 | p | 17.3 | 10.9 | 58.2 | 13.6 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 16.7 | 0.0 | 16.7 | 66.7 | q | 76.4 | 2.7 | 4.6 | 16.4 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 0.9 | 4.6 | 85.5 | 9.1 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 33.3 | 33.3 | 33.3 | 0.0 | q | 14.6 | 45.5 | 25.5 | 14.6 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.7 | 50.0 | 33.3 | 0.0 | q | 13.6 | 82.7 | 2.7 | 0.9 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 0.0 | 0.0 | 66.7 | 33.3 | p | 25.5 | 22.7 | 40.9 | 10.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 16.7 | 33.3 | 33.3 | 16.7 | q | 31.8 | 26.4 | 28.2 | 13.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 0.0 | 33.3 | 0.0 | q | 67.3 | 15.5 | 12.7 | 4.6 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 33.3 | 16.7 | 50.0 | q | 3.6 | 10.0 | 9.1 | 77.3 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 33.3 | 16.7 | 16.7 | 33.3 | p | 30.0 | 12.7 | 15.5 | 40.9 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 33.3 | 0.0 | 0.0 | 66.7 | q | 41.8 | 11.8 | 9.1 | 37.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 16.7 | 16.7 | 0.0 | 66.7 | q | 54.6 | 12.7 | 10.9 | 21.8 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 16.7 | 83.3 | 0.0 | 0.0 | p | 24.6 | 58.2 | 13.6 | 3.6 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 16.7 | 0.0 | 16.7 | 66.7 | q | 10.0 | 10.9 | 9.1 | 69.1 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 33.3 | 33.3 | 33.3 | q | 8.2 | 25.5 | 33.6 | 32.7 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 82.7 | 9.1 | 7.3 | 0.9 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 16.7 | 33.3 | 33.3 | 16.7 | q | 13.6 | 52.7 | 14.6 | 18.2 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 16.7 | 33.3 | 50.0 | q | 9.1 | 16.4 | 50.0 | 23.6 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 66.7 | 0.0 | 33.3 | 0.0 | p | 45.5 | 10.0 | 24.6 | 20.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 76.4 | 5.5 | 6.4 | 11.8 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 92.7 | 3.6 | 1.8 | 1.8 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 33.3 | 0.0 | 16.7 | q | 28.2 | 50.0 | 10.9 | 10.9 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 50.0 | 50.0 | 0.0 | q | 2.7 | 70.9 | 23.6 | 2.7 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 3.6 | 5.5 | 4.6 | 86.4 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 16.7 | 0.0 | 16.7 | 66.7 | p | 13.6 | 17.3 | 13.6 | 55.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 0.0 | 83.3 | 16.7 | p | 15.5 | 9.1 | 57.3 | 17.3 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 33.3 | 33.3 | 16.7 | 16.7 | q | 52.7 | 23.6 | 11.8 | 10.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 16.7 | 33.3 | 50.0 | q | 2.7 | 17.3 | 14.6 | 65.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 0.0 | 66.7 | 0.0 | p | 32.7 | 2.7 | 60.9 | 3.6 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 66.7 | 33.3 | 0.0 | p | 3.6 | 63.6 | 27.3 | 4.6 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 83.3 | 16.7 | q | 2.7 | 0.9 | 83.6 | 12.7 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 33.3 | 50.0 | 16.7 | 0.0 | q | 53.6 | 21.8 | 6.4 | 17.3 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 50.0 | 16.7 | 33.3 | q | 10.0 | 70.0 | 13.6 | 6.4 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 16.7 | 83.3 | p | 0.0 | 9.1 | 9.1 | 81.8 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 16.7 | 16.7 | 16.7 | q | 46.4 | 13.6 | 25.5 | 13.6 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 33.3 | 66.7 | 0.0 | 0.0 | q | 55.5 | 20.9 | 12.7 | 10.9 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 8.2 | 63.6 | 16.4 | 11.8 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 33.3 | 0.0 | 16.7 | 50.0 | q | 52.7 | 20.0 | 9.1 | 18.2 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 66.7 | 16.7 | 16.7 | 0.0 | p | 42.7 | 13.6 | 16.4 | 26.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 33.3 | 33.3 | 16.7 | q | 20.9 | 38.2 | 28.2 | 11.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 16.7 | 66.7 | 16.7 | 0.0 | q | 10.0 | 79.1 | 6.4 | 3.6 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 16.7 | 50.0 | 16.7 | 16.7 | q | 5.5 | 44.6 | 13.6 | 35.5 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 33.3 | 0.0 | 66.7 | 0.0 | q | 13.6 | 6.4 | 73.6 | 6.4 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 16.7 | 16.7 | 66.7 | 0.0 | p | 30.0 | 36.4 | 27.3 | 3.6 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 16.7 | 50.0 | 16.7 | 16.7 | q | 28.2 | 16.4 | 41.8 | 12.7 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#015 - Lake Melville School, North West River

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=110] | | | | Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 8.2 | 82.7 | 5.5 | 3.6 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | P | 9.1 | 14.6 | 30.0 | 46.4 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | Q | 38.2 | 6.4 | 40.9 | 14.6 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | Q | 26.4 | 10.0 | 33.6 | 30.0 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 11.8 | 1.8 | 71.8 | 14.6 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | Q | 17.3 | 10.9 | 58.2 | 13.6 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 76.4 | 2.7 | 4.6 | 16.4 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | Q | 0.9 | 4.6 | 85.5 | 9.1 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | Q | 14.6 | 45.5 | 25.5 | 14.6 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | Q | 13.6 | 82.7 | 2.7 | 0.9 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | P | 25.5 | 22.7 | 40.9 | 10.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | Q | 31.8 | 26.4 | 28.2 | 13.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | Q | 67.3 | 15.5 | 12.7 | 4.6 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | P | 3.6 | 10.0 | 9.1 | 77.3 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | Q | 30.0 | 12.7 | 15.5 | 40.9 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 41.8 | 11.8 | 9.1 | 37.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | Q | 54.6 | 12.7 | 10.9 | 21.8 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | P | 24.6 | 58.2 | 13.6 | 3.6 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | Q | 10.0 | 10.9 | 9.1 | 69.1 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | Q | 8.2 | 25.5 | 33.6 | 32.7 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | Q | 82.7 | 9.1 | 7.3 | 0.9 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 13.6 | 52.7 | 14.6 | 18.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | P | 9.1 | 16.4 | 50.0 | 23.6 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | P | 45.5 | 10.0 | 24.6 | 20.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 76.4 | 5.5 | 6.4 | 11.8 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | P | 92.7 | 3.6 | 1.8 | 1.8 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | P | 28.2 | 50.0 | 10.9 | 10.9 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 2.7 | 70.9 | 23.6 | 2.7 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 3.6 | 5.5 | 4.6 | 86.4 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 13.6 | 17.3 | 13.6 | 55.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | Q | 15.5 | 9.1 | 57.3 | 17.3 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | Q | 52.7 | 23.6 | 11.8 | 10.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | Q | 2.7 | 17.3 | 14.6 | 65.5 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | Q | 32.7 | 2.7 | 60.9 | 3.6 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | P | 3.6 | 63.6 | 27.3 | 4.6 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | Q | 2.7 | 0.9 | 83.6 | 12.7 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | P | 53.6 | 21.8 | 6.4 | 17.3 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 10.0 | 70.0 | 13.6 | 6.4 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 0.0 | 9.1 | 9.1 | 81.8 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | Q | 46.4 | 13.6 | 25.5 | 13.6 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | Q | 55.5 | 20.9 | 12.7 | 10.9 | | Q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 8.2 | 63.6 | 16.4 | 11.8 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | P | 52.7 | 20.0 | 9.1 | 18.2 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | Q | 42.7 | 13.6 | 16.4 | 26.4 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | Q | 20.9 | 38.2 | 28.2 | 11.8 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 10.0 | 79.1 | 6.4 | 3.6 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | P | 5.5 | 44.6 | 13.6 | 35.5 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 13.6 | 6.4 | 73.6 | 6.4 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 30.0 | 36.4 | 27.3 | 3.6 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | P | 28.2 | 16.4 | 41.8 | 12.7 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#016 - B.L. Morrison, Postville

Grades: K-12

| Item | Key | School [N=1] | | | | District [N=110] | | | | Province [N=3,499] | | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|----------------|---|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D | |
| 1. | B | | | | | | P | 8.2 | 82.7 | 5.5 | 3.6 | | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | P | 9.1 | 14.6 | 30.0 | 46.4 | | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | q | 38.2 | 6.4 | 40.9 | 14.6 | | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 26.4 | 10.0 | 33.6 | 30.0 | | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 11.8 | 1.8 | 71.8 | 14.6 | | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | q | 17.3 | 10.9 | 58.2 | 13.6 | | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 76.4 | 2.7 | 4.6 | 16.4 | | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | P | 0.9 | 4.6 | 85.5 | 9.1 | | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | q | 14.6 | 45.5 | 25.5 | 14.6 | | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | P | 13.6 | 82.7 | 2.7 | 0.9 | | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | q | 25.5 | 22.7 | 40.9 | 10.9 | | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | q | 31.8 | 26.4 | 28.2 | 13.6 | | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | P | 67.3 | 15.5 | 12.7 | 4.6 | | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | P | 3.6 | 10.0 | 9.1 | 77.3 | | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 30.0 | 12.7 | 15.5 | 40.9 | | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | q | 41.8 | 11.8 | 9.1 | 37.3 | | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | P | 54.6 | 12.7 | 10.9 | 21.8 | | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | P | 24.6 | 58.2 | 13.6 | 3.6 | | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | q | 10.0 | 10.9 | 9.1 | 69.1 | | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | q | 8.2 | 25.5 | 33.6 | 32.7 | | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | P | 82.7 | 9.1 | 7.3 | 0.9 | | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 13.6 | 52.7 | 14.6 | 18.2 | | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | q | 9.1 | 16.4 | 50.0 | 23.6 | | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | P | 45.5 | 10.0 | 24.6 | 20.0 | | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 76.4 | 5.5 | 6.4 | 11.8 | | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | P | 92.7 | 3.6 | 1.8 | 1.8 | | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 28.2 | 50.0 | 10.9 | 10.9 | | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | q | 2.7 | 70.9 | 23.6 | 2.7 | | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 3.6 | 5.5 | 4.6 | 86.4 | | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 13.6 | 17.3 | 13.6 | 55.5 | | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | q | 15.5 | 9.1 | 57.3 | 17.3 | | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | q | 52.7 | 23.6 | 11.8 | 10.0 | | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 2.7 | 17.3 | 14.6 | 65.5 | | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | q | 32.7 | 2.7 | 60.9 | 3.6 | | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | q | 3.6 | 63.6 | 27.3 | 4.6 | | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | P | 2.7 | 0.9 | 83.6 | 12.7 | | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | q | 53.6 | 21.8 | 6.4 | 17.3 | | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 10.0 | 70.0 | 13.6 | 6.4 | | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 0.0 | 9.1 | 9.1 | 81.8 | | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 46.4 | 13.6 | 25.5 | 13.6 | | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 55.5 | 20.9 | 12.7 | 10.9 | | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 8.2 | 63.6 | 16.4 | 11.8 | | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 52.7 | 20.0 | 9.1 | 18.2 | | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | q | 42.7 | 13.6 | 16.4 | 26.4 | | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 20.9 | 38.2 | 28.2 | 11.8 | | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 10.0 | 79.1 | 6.4 | 3.6 | | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 5.5 | 44.6 | 13.6 | 35.5 | | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 13.6 | 6.4 | 73.6 | 6.4 | | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 30.0 | 36.4 | 27.3 | 3.6 | | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | q | 28.2 | 16.4 | 41.8 | 12.7 | | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#017 - Northern Lights Academy, Rigolet

Grades: K-12

| Item | Key | School [N=5] | | | | District [N=110] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | p | | 8.2 | 82.7 | 5.5 | 3.6 | p | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | p | | 9.1 | 14.6 | 30.0 | 46.4 | p | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | p | | 38.2 | 6.4 | 40.9 | 14.6 | p | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | q | | 26.4 | 10.0 | 33.6 | 30.0 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | p | | 11.8 | 1.8 | 71.8 | 14.6 | p | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | p | | 17.3 | 10.9 | 58.2 | 13.6 | p | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | p | | 76.4 | 2.7 | 4.6 | 16.4 | p | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | p | | 0.9 | 4.6 | 85.5 | 9.1 | p | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | q | | 14.6 | 45.5 | 25.5 | 14.6 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | q | | 13.6 | 82.7 | 2.7 | 0.9 | p | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | q | | 25.5 | 22.7 | 40.9 | 10.9 | p | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | q | | 31.8 | 26.4 | 28.2 | 13.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | p | | 67.3 | 15.5 | 12.7 | 4.6 | p | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | p | | 3.6 | 10.0 | 9.1 | 77.3 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | p | | 30.0 | 12.7 | 15.5 | 40.9 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | p | | 41.8 | 11.8 | 9.1 | 37.3 | p | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | p | | 54.6 | 12.7 | 10.9 | 21.8 | p | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | p | | 24.6 | 58.2 | 13.6 | 3.6 | p | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | q | | 10.0 | 10.9 | 9.1 | 69.1 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | p | | 8.2 | 25.5 | 33.6 | 32.7 | p | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | p | | 82.7 | 9.1 | 7.3 | 0.9 | p | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | p | | 13.6 | 52.7 | 14.6 | 18.2 | p | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | p | | 9.1 | 16.4 | 50.0 | 23.6 | p | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | p | | 45.5 | 10.0 | 24.6 | 20.0 | p | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | p | | 76.4 | 5.5 | 6.4 | 11.8 | p | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | p | | 92.7 | 3.6 | 1.8 | 1.8 | p | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | p | | 28.2 | 50.0 | 10.9 | 10.9 | p | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | q | | 2.7 | 70.9 | 23.6 | 2.7 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | p | | 3.6 | 5.5 | 4.6 | 86.4 | p | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | q | | 13.6 | 17.3 | 13.6 | 55.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | q | | 15.5 | 9.1 | 57.3 | 17.3 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | q | | 52.7 | 23.6 | 11.8 | 10.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | p | | 2.7 | 17.3 | 14.6 | 65.5 | p | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | q | | 32.7 | 2.7 | 60.9 | 3.6 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | p | | 3.6 | 63.6 | 27.3 | 4.6 | p | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | p | | 2.7 | 0.9 | 83.6 | 12.7 | p | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | | 53.6 | 21.8 | 6.4 | 17.3 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | p | | 10.0 | 70.0 | 13.6 | 6.4 | p | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | p | | 0.0 | 9.1 | 9.1 | 81.8 | p | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | q | | 46.4 | 13.6 | 25.5 | 13.6 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | p | | 55.5 | 20.9 | 12.7 | 10.9 | p | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | q | | 8.2 | 63.6 | 16.4 | 11.8 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | q | | 52.7 | 20.0 | 9.1 | 18.2 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | | 42.7 | 13.6 | 16.4 | 26.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | p | | 20.9 | 38.2 | 28.2 | 11.8 | p | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | q | | 10.0 | 79.1 | 6.4 | 3.6 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | q | | 5.5 | 44.6 | 13.6 | 35.5 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | p | | 13.6 | 6.4 | 73.6 | 6.4 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | q | | 30.0 | 36.4 | 27.3 | 3.6 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 28.2 | 16.4 | 41.8 | 12.7 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#018 - Peenamin McKenzie School, Sheshatshiu

Grades: K-12

| Item | Key | School [N=1] | | | | District [N=110] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 8.2 | 82.7 | 5.5 | 3.6 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 9.1 | 14.6 | 30.0 | 46.4 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | q | 38.2 | 6.4 | 40.9 | 14.6 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 26.4 | 10.0 | 33.6 | 30.0 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 11.8 | 1.8 | 71.8 | 14.6 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | P | 17.3 | 10.9 | 58.2 | 13.6 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | q | 76.4 | 2.7 | 4.6 | 16.4 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | P | 0.9 | 4.6 | 85.5 | 9.1 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | P | 14.6 | 45.5 | 25.5 | 14.6 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | q | 13.6 | 82.7 | 2.7 | 0.9 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | q | 25.5 | 22.7 | 40.9 | 10.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | P | 31.8 | 26.4 | 28.2 | 13.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | P | 67.3 | 15.5 | 12.7 | 4.6 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | P | 3.6 | 10.0 | 9.1 | 77.3 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 30.0 | 12.7 | 15.5 | 40.9 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | q | 41.8 | 11.8 | 9.1 | 37.3 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | P | 54.6 | 12.7 | 10.9 | 21.8 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | P | 24.6 | 58.2 | 13.6 | 3.6 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | P | 10.0 | 10.9 | 9.1 | 69.1 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | q | 8.2 | 25.5 | 33.6 | 32.7 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | P | 82.7 | 9.1 | 7.3 | 0.9 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 13.6 | 52.7 | 14.6 | 18.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | P | 9.1 | 16.4 | 50.0 | 23.6 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | q | 45.5 | 10.0 | 24.6 | 20.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 76.4 | 5.5 | 6.4 | 11.8 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | P | 92.7 | 3.6 | 1.8 | 1.8 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 28.2 | 50.0 | 10.9 | 10.9 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 2.7 | 70.9 | 23.6 | 2.7 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 3.6 | 5.5 | 4.6 | 86.4 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | q | 13.6 | 17.3 | 13.6 | 55.5 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | P | 15.5 | 9.1 | 57.3 | 17.3 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | q | 52.7 | 23.6 | 11.8 | 10.0 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | q | 2.7 | 17.3 | 14.6 | 65.5 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | q | 32.7 | 2.7 | 60.9 | 3.6 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | P | 3.6 | 63.6 | 27.3 | 4.6 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | P | 2.7 | 0.9 | 83.6 | 12.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | q | 53.6 | 21.8 | 6.4 | 17.3 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | q | 10.0 | 70.0 | 13.6 | 6.4 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 0.0 | 9.1 | 9.1 | 81.8 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 46.4 | 13.6 | 25.5 | 13.6 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 55.5 | 20.9 | 12.7 | 10.9 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | q | 8.2 | 63.6 | 16.4 | 11.8 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 52.7 | 20.0 | 9.1 | 18.2 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | q | 42.7 | 13.6 | 16.4 | 26.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 20.9 | 38.2 | 28.2 | 11.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | q | 10.0 | 79.1 | 6.4 | 3.6 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | P | 5.5 | 44.6 | 13.6 | 35.5 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 13.6 | 6.4 | 73.6 | 6.4 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 30.0 | 36.4 | 27.3 | 3.6 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | P | 28.2 | 16.4 | 41.8 | 12.7 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 1 - Labrador

(percentage of students who selected each response)

#477 - Mealy Mountain Collegiate, Happy Valley-Goose Bay

Grades: 8-12

| Item | Key | School [N=39] | | | | School Below Above District | District [N=110] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 7.7 | 84.6 | 5.1 | 2.6 | | 8.2 | 82.7 | 5.5 | 3.6 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 5.1 | 23.1 | 38.5 | 33.3 | q | 9.1 | 14.6 | 30.0 | 46.4 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.6 | 10.3 | 51.3 | 12.8 | | 38.2 | 6.4 | 40.9 | 14.6 | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 38.5 | 5.1 | 33.3 | 23.1 | q | 26.4 | 10.0 | 33.6 | 30.0 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.3 | 5.1 | 76.9 | 7.7 | | 11.8 | 1.8 | 71.8 | 14.6 | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 12.8 | 5.1 | 66.7 | 15.4 | | 17.3 | 10.9 | 58.2 | 13.6 | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 74.4 | 5.1 | 5.1 | 15.4 | q | 76.4 | 2.7 | 4.6 | 16.4 | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 2.6 | 10.3 | 71.8 | 15.4 | q | 0.9 | 4.6 | 85.5 | 9.1 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.8 | 38.5 | 35.9 | 12.8 | q | 14.6 | 45.5 | 25.5 | 14.6 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 7.7 | 89.7 | 2.6 | 0.0 | | 13.6 | 82.7 | 2.7 | 0.9 | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.5 | 23.1 | 46.2 | 10.3 | | 25.5 | 22.7 | 40.9 | 10.9 | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 30.8 | 30.8 | 20.5 | 18.0 | q | 31.8 | 26.4 | 28.2 | 13.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.0 | 30.8 | 5.1 | 5.1 | q | 67.3 | 15.5 | 12.7 | 4.6 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.1 | 10.3 | 2.6 | 82.1 | | 3.6 | 10.0 | 9.1 | 77.3 | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 41.0 | 12.8 | 18.0 | 25.6 | | 30.0 | 12.7 | 15.5 | 40.9 | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 35.9 | 15.4 | 15.4 | 33.3 | q | 41.8 | 11.8 | 9.1 | 37.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 51.3 | 7.7 | 15.4 | 25.6 | q | 54.6 | 12.7 | 10.9 | 21.8 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 35.9 | 41.0 | 15.4 | 7.7 | q | 24.6 | 58.2 | 13.6 | 3.6 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.7 | 18.0 | 2.6 | 71.8 | | 10.0 | 10.9 | 9.1 | 69.1 | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 15.4 | 20.5 | 25.6 | 38.5 | q | 8.2 | 25.5 | 33.6 | 32.7 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 74.4 | 10.3 | 12.8 | 2.6 | q | 82.7 | 9.1 | 7.3 | 0.9 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 15.4 | 41.0 | 23.1 | 20.5 | q | 13.6 | 52.7 | 14.6 | 18.2 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.0 | 20.5 | 46.2 | 15.4 | q | 9.1 | 16.4 | 50.0 | 23.6 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 46.2 | 7.7 | 23.1 | 23.1 | | 45.5 | 10.0 | 24.6 | 20.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 61.5 | 10.3 | 7.7 | 20.5 | q | 76.4 | 5.5 | 6.4 | 11.8 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 89.7 | 5.1 | 2.6 | 2.6 | q | 92.7 | 3.6 | 1.8 | 1.8 | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 38.5 | 12.8 | 15.4 | q | 28.2 | 50.0 | 10.9 | 10.9 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.6 | 74.4 | 18.0 | 5.1 | | 2.7 | 70.9 | 23.6 | 2.7 | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 2.6 | 12.8 | 5.1 | 79.5 | q | 3.6 | 5.5 | 4.6 | 86.4 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 15.4 | 12.8 | 12.8 | 59.0 | | 13.6 | 17.3 | 13.6 | 55.5 | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 15.4 | 15.4 | 48.7 | 20.5 | q | 15.5 | 9.1 | 57.3 | 17.3 | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 51.3 | 23.1 | 12.8 | 10.3 | q | 52.7 | 23.6 | 11.8 | 10.0 | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.7 | 35.9 | 15.4 | 41.0 | q | 2.7 | 17.3 | 14.6 | 65.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 28.2 | 5.1 | 61.5 | 5.1 | | 32.7 | 2.7 | 60.9 | 3.6 | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 2.6 | 59.0 | 33.3 | 5.1 | q | 3.6 | 63.6 | 27.3 | 4.6 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 7.7 | 2.6 | 79.5 | 10.3 | q | 2.7 | 0.9 | 83.6 | 12.7 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 48.7 | 38.5 | 7.7 | 5.1 | q | 53.6 | 21.8 | 6.4 | 17.3 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 20.5 | 66.7 | 10.3 | 2.6 | q | 10.0 | 70.0 | 13.6 | 6.4 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 18.0 | 5.1 | 76.9 | q | 0.0 | 9.1 | 9.1 | 81.8 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 51.3 | 5.1 | 25.6 | 15.4 | | 46.4 | 13.6 | 25.5 | 13.6 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 59.0 | 15.4 | 15.4 | 10.3 | | 55.5 | 20.9 | 12.7 | 10.9 | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 10.3 | 61.5 | 18.0 | 10.3 | q | 8.2 | 63.6 | 16.4 | 11.8 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 41.0 | 30.8 | 12.8 | 15.4 | q | 52.7 | 20.0 | 9.1 | 18.2 | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 35.9 | 10.3 | 20.5 | 33.3 | q | 42.7 | 13.6 | 16.4 | 26.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 10.3 | 38.5 | 38.5 | 10.3 | | 20.9 | 38.2 | 28.2 | 11.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 18.0 | 74.4 | 7.7 | 0.0 | q | 10.0 | 79.1 | 6.4 | 3.6 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 2.6 | 33.3 | 23.1 | 38.5 | | 5.5 | 44.6 | 13.6 | 35.5 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 10.3 | 10.3 | 69.2 | 10.3 | q | 13.6 | 6.4 | 73.6 | 6.4 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 53.9 | 23.1 | 5.1 | q | 30.0 | 36.4 | 27.3 | 3.6 | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 28.2 | 20.5 | 38.5 | 10.3 | q | 28.2 | 16.4 | 41.8 | 12.7 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#022 - William Gillett Academy, Charlottetown, LAB

Grades: K-12

| Item | Key | School [N=10] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|--------|-------|------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.0 | 30.0 | 20.0 | 40.0 | | q | 11.0 | 24.2 | 13.0 | 51.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 60.0 | 0.0 | 30.0 | 10.0 | | q | 32.5 | 6.1 | 42.2 | 19.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 30.0 | 30.0 | 20.0 | 20.0 | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 20.0 | 10.0 | 50.0 | 20.0 | | q | 9.2 | 3.1 | 77.3 | 10.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 20.0 | 30.0 | 10.0 | 40.0 | | q | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 70.0 | 0.0 | 10.0 | 20.0 | | P | 68.4 | 6.3 | 8.1 | 17.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 90.0 | 10.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 20.0 | 10.0 | 40.0 | 30.0 | | q | 16.6 | 41.9 | 24.6 | 16.3 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 10.0 | 80.0 | 10.0 | 0.0 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 30.0 | 30.0 | 30.0 | 10.0 | | q | 31.0 | 21.9 | 38.4 | 8.7 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 20.0 | 50.0 | 10.0 | 20.0 | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 80.0 | 10.0 | 10.0 | 0.0 | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 30.0 | 0.0 | 70.0 | | q | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 10.0 | 0.0 | 10.0 | 80.0 | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 30.0 | 30.0 | 10.0 | 30.0 | | q | 48.4 | 15.0 | 7.1 | 29.3 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 80.0 | 0.0 | 10.0 | 10.0 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 20.0 | 60.0 | 20.0 | 0.0 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.0 | 0.0 | 0.0 | 90.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 10.0 | 60.0 | 30.0 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 80.0 | 0.0 | 10.0 | 10.0 | | q | 86.3 | 6.6 | 4.8 | 2.3 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 50.0 | 10.0 | 40.0 | 0.0 | | q | 14.5 | 45.3 | 27.0 | 13.2 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 0.0 | 40.0 | 60.0 | | q | 12.2 | 14.7 | 44.3 | 28.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 0.0 | 10.0 | 80.0 | 10.0 | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 70.0 | 20.0 | 0.0 | 10.0 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.0 | 0.0 | 0.0 | 10.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 30.0 | 40.0 | 10.0 | 20.0 | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 80.0 | 20.0 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 10.0 | 10.0 | 80.0 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 20.0 | 10.0 | 40.0 | 20.0 | | q | 16.0 | 11.4 | 47.9 | 24.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 30.0 | 30.0 | 30.0 | 10.0 | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 30.0 | 10.0 | 60.0 | | q | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 30.0 | 20.0 | 50.0 | 0.0 | | q | 25.5 | 7.9 | 61.9 | 4.5 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 10.0 | 60.0 | 20.0 | 10.0 | | q | 6.8 | 63.1 | 23.9 | 5.8 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 90.0 | 10.0 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 70.0 | 20.0 | 0.0 | 10.0 | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 20.0 | 50.0 | 20.0 | 10.0 | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 20.0 | 20.0 | 60.0 | | q | 1.8 | 8.1 | 11.7 | 78.3 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 10.0 | 30.0 | 10.0 | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 30.0 | 40.0 | 10.0 | 20.0 | | q | 54.7 | 25.2 | 13.3 | 6.6 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 20.0 | 70.0 | 10.0 | 0.0 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 40.0 | 30.0 | 10.0 | 20.0 | | P | 25.2 | 31.8 | 14.8 | 27.4 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 10.0 | 10.0 | 20.0 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.0 | 30.0 | 30.0 | 10.0 | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 20.0 | 80.0 | 0.0 | 0.0 | | q | 8.1 | 80.4 | 6.4 | 4.9 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 10.0 | 30.0 | 10.0 | 50.0 | | q | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 10.0 | 0.0 | 90.0 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 30.0 | 40.0 | 30.0 | 0.0 | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 30.0 | 30.0 | 40.0 | 0.0 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#023 - Sacred Heart AG, Conche

Grades: K-3,5-12

| Item | Key | School [N=6] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|--------------|------|------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 16.7 | 83.3 | 0.0 | 0.0 | q | 2.8 | 92.6 | 2.1 | 2.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 33.3 | 33.3 | 16.7 | q | 11.0 | 24.2 | 13.0 | 51.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.3 | 0.0 | 66.7 | 0.0 | p | 32.5 | 6.1 | 42.2 | 19.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.7 | 50.0 | 0.0 | 33.3 | p | 29.2 | 18.5 | 28.3 | 23.9 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 16.7 | 83.3 | 0.0 | p | 9.2 | 3.1 | 77.3 | 10.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 16.7 | 16.7 | 33.3 | 33.3 | q | 9.2 | 13.3 | 48.9 | 28.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 33.3 | 16.7 | 16.7 | 33.3 | q | 68.4 | 6.3 | 8.1 | 17.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 33.3 | 0.0 | 66.7 | 0.0 | q | 5.8 | 5.6 | 77.1 | 11.5 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 16.7 | 33.3 | 33.3 | 16.7 | q | 16.6 | 41.9 | 24.6 | 16.3 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.7 | 83.3 | 0.0 | 0.0 | p | 24.4 | 67.1 | 5.6 | 2.8 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 16.7 | 50.0 | 33.3 | 0.0 | q | 31.0 | 21.9 | 38.4 | 8.7 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 66.7 | 16.7 | 16.7 | 0.0 | p | 46.0 | 21.6 | 21.8 | 10.1 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 0.0 | 16.7 | 16.7 | p | 64.7 | 14.3 | 10.7 | 9.9 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 16.7 | 0.0 | 0.0 | 83.3 | p | 4.5 | 7.4 | 9.1 | 79.1 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 50.0 | 0.0 | 33.3 | 16.7 | q | 22.4 | 28.0 | 12.9 | 36.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 33.3 | 0.0 | 0.0 | 66.7 | q | 48.4 | 15.0 | 7.1 | 29.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 33.3 | 0.0 | 50.0 | 16.7 | q | 60.5 | 10.5 | 10.9 | 17.3 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 16.7 | 66.7 | 0.0 | 16.7 | p | 23.4 | 57.0 | 14.3 | 5.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 33.3 | 66.7 | q | 5.4 | 14.2 | 8.6 | 71.8 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 16.7 | 33.3 | 16.7 | 33.3 | q | 10.5 | 20.8 | 39.7 | 29.0 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 66.7 | 33.3 | 0.0 | 0.0 | q | 86.3 | 6.6 | 4.8 | 2.3 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 66.7 | 33.3 | 0.0 | p | 14.5 | 45.3 | 27.0 | 13.2 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 16.7 | 83.3 | 0.0 | p | 12.2 | 14.7 | 44.3 | 28.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 16.7 | 0.0 | 50.0 | 33.3 | q | 45.5 | 5.9 | 35.6 | 13.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 50.0 | 50.0 | 0.0 | 0.0 | q | 67.7 | 11.2 | 9.4 | 11.7 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 83.3 | 0.0 | 16.7 | 0.0 | q | 89.1 | 4.3 | 4.8 | 1.7 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 16.7 | 16.7 | 16.7 | q | 24.4 | 53.2 | 10.2 | 12.2 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 16.7 | 33.3 | 50.0 | 0.0 | q | 1.8 | 73.2 | 23.4 | 1.2 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 4.1 | 3.0 | 88.8 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 33.3 | 16.7 | 16.7 | 33.3 | q | 10.7 | 17.1 | 9.9 | 62.1 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 16.7 | 16.7 | 16.7 | 50.0 | q | 16.0 | 11.4 | 47.9 | 24.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 0.0 | 33.3 | 0.0 | 66.7 | q | 40.5 | 27.8 | 17.0 | 14.2 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 16.7 | 0.0 | 83.3 | p | 5.3 | 11.9 | 7.4 | 75.0 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 16.7 | 0.0 | 83.3 | 0.0 | p | 25.5 | 7.9 | 61.9 | 4.5 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 16.7 | 16.7 | 66.7 | 0.0 | q | 6.8 | 63.1 | 23.9 | 5.8 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 16.7 | 0.0 | 83.3 | 0.0 | p | 3.0 | 1.3 | 81.1 | 14.7 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 66.7 | 16.7 | 16.7 | 0.0 | p | 54.9 | 16.1 | 8.9 | 19.9 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 83.3 | 0.0 | 16.7 | p | 10.1 | 64.9 | 16.0 | 9.1 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 16.7 | 16.7 | 0.0 | 66.7 | q | 1.8 | 8.1 | 11.7 | 78.3 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 66.7 | 0.0 | 16.7 | 16.7 | q | 50.6 | 9.2 | 34.8 | 5.3 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 0.0 | 50.0 | 0.0 | q | 54.7 | 25.2 | 13.3 | 6.6 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 66.7 | 0.0 | 16.7 | p | 14.3 | 61.8 | 15.2 | 8.6 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 0.0 | 16.7 | 50.0 | 33.3 | q | 25.2 | 31.8 | 14.8 | 27.4 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 66.7 | 33.3 | 0.0 | 0.0 | p | 56.5 | 14.0 | 14.2 | 15.0 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 50.0 | 33.3 | 0.0 | p | 31.5 | 38.1 | 21.8 | 8.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 33.3 | 50.0 | 16.7 | 0.0 | q | 8.1 | 80.4 | 6.4 | 4.9 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 16.7 | 0.0 | 83.3 | p | 4.3 | 33.4 | 10.2 | 51.9 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 16.7 | 0.0 | 83.3 | 0.0 | p | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 50.0 | 0.0 | 50.0 | 0.0 | p | 28.5 | 41.4 | 22.4 | 7.1 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 0.0 | 33.3 | 16.7 | q | 36.4 | 13.2 | 37.7 | 11.0 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#025 - St. Joseph's All Grade, Croque

Grades: 1,2-5,7-12

| Item | Key | School [N=1] | | | | District [N=607] | | | | School Below Above Province [N=3,499] | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------------|------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D |
| 1. | B | | | | | p | | 2.8 | 92.6 | 2.1 | 2.5 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | p | | 11.0 | 24.2 | 13.0 | 51.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | p | | 32.5 | 6.1 | 42.2 | 19.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | p | | 9.2 | 3.1 | 77.3 | 10.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | p | | 68.4 | 6.3 | 8.1 | 17.3 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | p | | 5.8 | 5.6 | 77.1 | 11.5 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | q | | 16.6 | 41.9 | 24.6 | 16.3 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | p | | 24.4 | 67.1 | 5.6 | 2.8 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | p | | 31.0 | 21.9 | 38.4 | 8.7 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | p | | 46.0 | 21.6 | 21.8 | 10.1 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | p | | 4.5 | 7.4 | 9.1 | 79.1 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | p | | 48.4 | 15.0 | 7.1 | 29.3 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | p | | 60.5 | 10.5 | 10.9 | 17.3 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | p | | 23.4 | 57.0 | 14.3 | 5.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | p | | 5.4 | 14.2 | 8.6 | 71.8 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | q | | 10.5 | 20.8 | 39.7 | 29.0 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | p | | 86.3 | 6.6 | 4.8 | 2.3 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | p | | 14.5 | 45.3 | 27.0 | 13.2 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | p | | 45.5 | 5.9 | 35.6 | 13.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | q | | 67.7 | 11.2 | 9.4 | 11.7 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | p | | 89.1 | 4.3 | 4.8 | 1.7 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | p | | 1.8 | 73.2 | 23.4 | 1.2 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | p | | 4.1 | 4.1 | 3.0 | 88.8 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | p | | 10.7 | 17.1 | 9.9 | 62.1 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | q | | 16.0 | 11.4 | 47.9 | 24.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | p | | 40.5 | 27.8 | 17.0 | 14.2 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | p | | 5.3 | 11.9 | 7.4 | 75.0 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | p | | 25.5 | 7.9 | 61.9 | 4.5 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | p | | 6.8 | 63.1 | 23.9 | 5.8 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | p | | 3.0 | 1.3 | 81.1 | 14.7 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | p | | 10.1 | 64.9 | 16.0 | 9.1 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | p | | 1.8 | 8.1 | 11.7 | 78.3 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | p | | 50.6 | 9.2 | 34.8 | 5.3 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | p | | 14.3 | 61.8 | 15.2 | 8.6 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | p | | 56.5 | 14.0 | 14.2 | 15.0 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | p | | 31.5 | 38.1 | 21.8 | 8.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | p | | 8.1 | 80.4 | 6.4 | 4.9 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | p | | 4.3 | 33.4 | 10.2 | 51.9 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | p | | 10.4 | 4.3 | 81.7 | 3.5 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#027 - Canon Richards High School, Flower's Cove

Grades: 7-12

| Item | Key | School [N=10] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 30.0 | 20.0 | 30.0 | 20.0 | | Q | 11.0 | 24.2 | 13.0 | 51.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 20.0 | 0.0 | 50.0 | 30.0 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 50.0 | 40.0 | 10.0 | 0.0 | | Q | 29.2 | 18.5 | 28.3 | 23.9 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 80.0 | 20.0 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 40.0 | 10.0 | 40.0 | 10.0 | | Q | 9.2 | 13.3 | 48.9 | 28.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 40.0 | 20.0 | 10.0 | 30.0 | | Q | 68.4 | 6.3 | 8.1 | 17.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 90.0 | 10.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 10.0 | 50.0 | 30.0 | 10.0 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 40.0 | 60.0 | 0.0 | 0.0 | | Q | 24.4 | 67.1 | 5.6 | 2.8 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 30.0 | 60.0 | 10.0 | 0.0 | | Q | 31.0 | 21.9 | 38.4 | 8.7 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.0 | 20.0 | 30.0 | 0.0 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 60.0 | 10.0 | 20.0 | 10.0 | | Q | 64.7 | 14.3 | 10.7 | 9.9 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 20.0 | 10.0 | 70.0 | | Q | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 20.0 | 40.0 | 10.0 | 30.0 | | P | 22.4 | 28.0 | 12.9 | 36.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 50.0 | 30.0 | 10.0 | 10.0 | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 0.0 | 10.0 | 40.0 | | Q | 60.5 | 10.5 | 10.9 | 17.3 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 20.0 | 70.0 | 10.0 | 0.0 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 20.0 | 0.0 | 80.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.0 | 10.0 | 60.0 | 20.0 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 90.0 | 0.0 | 0.0 | 10.0 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 40.0 | 20.0 | 30.0 | 10.0 | | Q | 14.5 | 45.3 | 27.0 | 13.2 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 10.0 | 40.0 | 50.0 | | Q | 12.2 | 14.7 | 44.3 | 28.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 40.0 | 0.0 | 40.0 | 20.0 | | Q | 45.5 | 5.9 | 35.6 | 13.0 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 20.0 | 30.0 | 40.0 | 10.0 | | Q | 67.7 | 11.2 | 9.4 | 11.7 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 80.0 | 0.0 | 10.0 | 10.0 | | Q | 89.1 | 4.3 | 4.8 | 1.7 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 40.0 | 30.0 | 20.0 | 10.0 | | Q | 24.4 | 53.2 | 10.2 | 12.2 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 80.0 | 20.0 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 20.0 | 80.0 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 10.0 | 10.0 | 30.0 | 50.0 | | Q | 16.0 | 11.4 | 47.9 | 24.6 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 20.0 | 10.0 | 50.0 | 20.0 | | Q | 40.5 | 27.8 | 17.0 | 14.2 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 20.0 | 30.0 | 50.0 | | Q | 5.3 | 11.9 | 7.4 | 75.0 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 30.0 | 10.0 | 40.0 | 20.0 | | Q | 25.5 | 7.9 | 61.9 | 4.5 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 70.0 | 30.0 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 20.0 | 10.0 | 40.0 | 30.0 | | Q | 3.0 | 1.3 | 81.1 | 14.7 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 70.0 | 0.0 | 10.0 | 20.0 | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 20.0 | 50.0 | 10.0 | 20.0 | | Q | 10.1 | 64.9 | 16.0 | 9.1 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 20.0 | 80.0 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.0 | 0.0 | 30.0 | 0.0 | | Q | 50.6 | 9.2 | 34.8 | 5.3 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 70.0 | 20.0 | 0.0 | 10.0 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 10.0 | 70.0 | 10.0 | 10.0 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 20.0 | 60.0 | 10.0 | 10.0 | | Q | 25.2 | 31.8 | 14.8 | 27.4 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 40.0 | 10.0 | 20.0 | 30.0 | | Q | 56.5 | 14.0 | 14.2 | 15.0 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 40.0 | 50.0 | 10.0 | 0.0 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 30.0 | 0.0 | 70.0 | | P | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 20.0 | 0.0 | 70.0 | 0.0 | | Q | 10.4 | 4.3 | 81.7 | 3.5 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 20.0 | 60.0 | 20.0 | 0.0 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 40.0 | 30.0 | 10.0 | 10.0 | | Q | 36.4 | 13.2 | 37.7 | 11.0 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#030 - Mountain Feild Academy, Forteau

Grades: K-12

| Item | Key | School [N=11] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|-------|--------|-------|------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 18.2 | 63.6 | 9.1 | 9.1 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 18.2 | 27.3 | 54.6 | | p | 11.0 | 24.2 | 13.0 | 51.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 54.6 | 0.0 | 45.5 | 0.0 | | p | 32.5 | 6.1 | 42.2 | 19.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 45.5 | 18.2 | 18.2 | 18.2 | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 18.2 | 0.0 | 72.7 | 9.1 | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.1 | 36.4 | 45.5 | 9.1 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 72.7 | 9.1 | 9.1 | 9.1 | | p | 68.4 | 6.3 | 8.1 | 17.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 9.1 | 90.9 | 0.0 | | p | 5.8 | 5.6 | 77.1 | 11.5 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 9.1 | 81.8 | 9.1 | 0.0 | | p | 16.6 | 41.9 | 24.6 | 16.3 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 36.4 | 45.5 | 9.1 | 9.1 | q | | 24.4 | 67.1 | 5.6 | 2.8 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 18.2 | 27.3 | 45.5 | 9.1 | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 36.4 | 18.2 | 36.4 | 9.1 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 81.8 | 18.2 | 0.0 | 0.0 | | p | 64.7 | 14.3 | 10.7 | 9.9 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.5 | 7.4 | 9.1 | 79.1 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 36.4 | 18.2 | 27.3 | | p | 22.4 | 28.0 | 12.9 | 36.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 81.8 | 9.1 | 0.0 | 9.1 | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 54.6 | 9.1 | 9.1 | 27.3 | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 9.1 | 72.7 | 18.2 | 0.0 | | p | 23.4 | 57.0 | 14.3 | 5.3 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 27.3 | 9.1 | 63.6 | q | | 5.4 | 14.2 | 8.6 | 71.8 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 36.4 | 36.4 | 27.3 | q | | 10.5 | 20.8 | 39.7 | 29.0 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 81.8 | 0.0 | 18.2 | 0.0 | q | | 86.3 | 6.6 | 4.8 | 2.3 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.1 | 45.5 | 45.5 | 0.0 | | p | 14.5 | 45.3 | 27.0 | 13.2 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.2 | 0.0 | 54.6 | 27.3 | | p | 12.2 | 14.7 | 44.3 | 28.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 63.6 | 0.0 | 18.2 | 18.2 | | p | 45.5 | 5.9 | 35.6 | 13.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 81.8 | 0.0 | 0.0 | 18.2 | | p | 67.7 | 11.2 | 9.4 | 11.7 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 89.1 | 4.3 | 4.8 | 1.7 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 9.1 | 54.6 | 9.1 | 27.3 | | p | 24.4 | 53.2 | 10.2 | 12.2 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 81.8 | 18.2 | 0.0 | | p | 1.8 | 73.2 | 23.4 | 1.2 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.1 | 4.1 | 3.0 | 88.8 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.1 | 27.3 | 9.1 | 54.6 | q | | 10.7 | 17.1 | 9.9 | 62.1 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 27.3 | 63.6 | 9.1 | | p | 16.0 | 11.4 | 47.9 | 24.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 27.3 | 72.7 | 0.0 | 0.0 | q | | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 18.2 | 9.1 | 72.7 | q | | 5.3 | 11.9 | 7.4 | 75.0 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 0.0 | 72.7 | 0.0 | | p | 25.5 | 7.9 | 61.9 | 4.5 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 81.8 | 18.2 | 0.0 | | p | 6.8 | 63.1 | 23.9 | 5.8 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 72.7 | 27.3 | q | | 3.0 | 1.3 | 81.1 | 14.7 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 81.8 | 18.2 | 0.0 | 0.0 | | p | 54.9 | 16.1 | 8.9 | 19.9 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 18.2 | 72.7 | 9.1 | 0.0 | | p | 10.1 | 64.9 | 16.0 | 9.1 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 9.1 | 90.9 | | p | 1.8 | 8.1 | 11.7 | 78.3 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 63.6 | 9.1 | 18.2 | 9.1 | q | | 50.6 | 9.2 | 34.8 | 5.3 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 54.6 | 45.5 | 0.0 | 0.0 | q | | 54.7 | 25.2 | 13.3 | 6.6 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.1 | 63.6 | 18.2 | 9.1 | | p | 14.3 | 61.8 | 15.2 | 8.6 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 27.3 | 18.2 | 27.3 | 27.3 | | p | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 36.4 | 9.1 | 18.2 | 36.4 | q | | 56.5 | 14.0 | 14.2 | 15.0 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 36.4 | 27.3 | 18.2 | 18.2 | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 81.8 | 9.1 | 0.0 | | p | 8.1 | 80.4 | 6.4 | 4.9 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 72.7 | 0.0 | 27.3 | q | | 4.3 | 33.4 | 10.2 | 51.9 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 27.3 | 0.0 | 72.7 | 0.0 | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 45.5 | 45.5 | 9.1 | 0.0 | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 63.6 | 0.0 | 27.3 | 9.1 | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#040 - St. Mary's AG, Mary's Harbour

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=607] | | | | Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 11.0 | 24.2 | 13.0 | 51.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | P | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | q | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | q | 23.4 | 57.0 | 14.3 | 5.3 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | q | 10.5 | 20.8 | 39.7 | 29.0 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | q | 86.3 | 6.6 | 4.8 | 2.3 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | q | 12.2 | 14.7 | 44.3 | 28.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | q | 89.1 | 4.3 | 4.8 | 1.7 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | q | 1.8 | 73.2 | 23.4 | 1.2 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | q | 4.1 | 4.1 | 3.0 | 88.8 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | P | 40.5 | 27.8 | 17.0 | 14.2 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | q | 25.5 | 7.9 | 61.9 | 4.5 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 54.7 | 25.2 | 13.3 | 6.6 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#046 - D.C. Young School, Port Hope Simpson

Grades: K-12

| Item | Key | School [N=6] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 16.7 | 83.3 | 0.0 | 0.0 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 0.0 | 16.7 | 83.3 | | p | 11.0 | 24.2 | 13.0 | 51.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 66.7 | 0.0 | 33.3 | 0.0 | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 33.3 | 16.7 | 16.7 | 33.3 | | p | 29.2 | 18.5 | 28.3 | 23.9 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 16.7 | 16.7 | 50.0 | 16.7 | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 33.3 | 16.7 | 50.0 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 16.7 | 0.0 | 0.0 | 83.3 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 5.8 | 5.6 | 77.1 | 11.5 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 16.7 | 33.3 | 0.0 | 33.3 | q | | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 83.3 | 16.7 | 0.0 | 0.0 | q | | 24.4 | 67.1 | 5.6 | 2.8 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 50.0 | 16.7 | 16.7 | 16.7 | q | | 31.0 | 21.9 | 38.4 | 8.7 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 0.0 | 50.0 | 33.3 | 16.7 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 50.0 | 33.3 | 0.0 | 0.0 | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 16.7 | 0.0 | 0.0 | 83.3 | | p | 4.5 | 7.4 | 9.1 | 79.1 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 33.3 | 16.7 | 16.7 | 16.7 | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 16.7 | 16.7 | 16.7 | 50.0 | q | | 48.4 | 15.0 | 7.1 | 29.3 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 60.5 | 10.5 | 10.9 | 17.3 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 0.0 | 50.0 | 33.3 | 16.7 | q | | 23.4 | 57.0 | 14.3 | 5.3 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 16.7 | 0.0 | 0.0 | 83.3 | | p | 5.4 | 14.2 | 8.6 | 71.8 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 0.0 | 16.7 | 83.3 | q | | 10.5 | 20.8 | 39.7 | 29.0 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 16.7 | 0.0 | 0.0 | q | | 86.3 | 6.6 | 4.8 | 2.3 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 16.7 | 33.3 | 16.7 | 33.3 | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 16.7 | 33.3 | 16.7 | 33.3 | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 0.0 | 16.7 | 66.7 | 16.7 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 16.7 | 16.7 | 0.0 | 66.7 | q | | 67.7 | 11.2 | 9.4 | 11.7 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 83.3 | 16.7 | 0.0 | 0.0 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 33.3 | 16.7 | 16.7 | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 33.3 | 0.0 | q | | 1.8 | 73.2 | 23.4 | 1.2 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.1 | 4.1 | 3.0 | 88.8 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 33.3 | 0.0 | 16.7 | 50.0 | q | | 10.7 | 17.1 | 9.9 | 62.1 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 33.3 | 50.0 | 0.0 | 16.7 | q | | 16.0 | 11.4 | 47.9 | 24.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 33.3 | 50.0 | 16.7 | 0.0 | q | | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 16.7 | 0.0 | 33.3 | 50.0 | q | | 5.3 | 11.9 | 7.4 | 75.0 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 16.7 | 16.7 | 33.3 | q | | 25.5 | 7.9 | 61.9 | 4.5 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 66.7 | 16.7 | 16.7 | | p | 6.8 | 63.1 | 23.9 | 5.8 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 33.3 | 0.0 | 50.0 | 16.7 | q | | 3.0 | 1.3 | 81.1 | 14.7 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 33.3 | 50.0 | 0.0 | 16.7 | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 16.7 | 16.7 | 66.7 | 0.0 | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 16.7 | 83.3 | | p | 1.8 | 8.1 | 11.7 | 78.3 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 33.3 | 0.0 | 66.7 | 0.0 | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 0.0 | 66.7 | 33.3 | 0.0 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 50.0 | 33.3 | 0.0 | q | | 14.3 | 61.8 | 15.2 | 8.6 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 16.7 | 50.0 | 16.7 | 16.7 | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 50.0 | 0.0 | 0.0 | q | | 56.5 | 14.0 | 14.2 | 15.0 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 0.0 | 50.0 | 33.3 | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 83.3 | 0.0 | 16.7 | | p | 8.1 | 80.4 | 6.4 | 4.9 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 33.3 | 0.0 | 66.7 | | p | 4.3 | 33.4 | 10.2 | 51.9 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 16.7 | 0.0 | 83.3 | 0.0 | | p | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 0.0 | 50.0 | 33.3 | 16.7 | | p | 28.5 | 41.4 | 22.4 | 7.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 0.0 | 33.3 | 16.7 | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#047 - Roncalli Central High, Port Saunders

Grades: 7-12

| Item | Key | School [N=20] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 10.0 | 75.0 | 0.0 | 15.0 | q | 2.8 | 92.6 | 2.1 | 2.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 5.0 | 10.0 | 15.0 | 70.0 | p | 11.0 | 24.2 | 13.0 | 51.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 10.0 | 45.0 | 15.0 | p | 32.5 | 6.1 | 42.2 | 19.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 20.0 | 10.0 | 20.0 | 50.0 | p | 29.2 | 18.5 | 28.3 | 23.9 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.0 | 0.0 | 90.0 | 5.0 | p | 9.2 | 3.1 | 77.3 | 10.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 20.0 | 20.0 | 55.0 | 5.0 | p | 9.2 | 13.3 | 48.9 | 28.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 65.0 | 0.0 | 5.0 | 30.0 | q | 68.4 | 6.3 | 8.1 | 17.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 5.0 | 90.0 | 5.0 | p | 5.8 | 5.6 | 77.1 | 11.5 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 15.0 | 45.0 | 15.0 | 25.0 | p | 16.6 | 41.9 | 24.6 | 16.3 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 5.0 | 80.0 | 10.0 | 5.0 | p | 24.4 | 67.1 | 5.6 | 2.8 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 30.0 | 20.0 | 50.0 | 0.0 | p | 31.0 | 21.9 | 38.4 | 8.7 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.0 | 20.0 | 15.0 | 15.0 | p | 46.0 | 21.6 | 21.8 | 10.1 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 0.0 | 5.0 | 20.0 | p | 64.7 | 14.3 | 10.7 | 9.9 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.0 | 5.0 | 5.0 | 85.0 | p | 4.5 | 7.4 | 9.1 | 79.1 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 5.0 | 35.0 | 20.0 | 40.0 | p | 22.4 | 28.0 | 12.9 | 36.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 60.0 | 5.0 | 5.0 | 30.0 | p | 48.4 | 15.0 | 7.1 | 29.3 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 65.0 | 20.0 | 5.0 | 10.0 | p | 60.5 | 10.5 | 10.9 | 17.3 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 15.0 | 80.0 | 5.0 | 0.0 | p | 23.4 | 57.0 | 14.3 | 5.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.0 | 25.0 | 5.0 | 60.0 | q | 5.4 | 14.2 | 8.6 | 71.8 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.0 | 10.0 | 55.0 | 25.0 | p | 10.5 | 20.8 | 39.7 | 29.0 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 80.0 | 15.0 | 5.0 | 0.0 | q | 86.3 | 6.6 | 4.8 | 2.3 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 20.0 | 55.0 | 10.0 | 15.0 | p | 14.5 | 45.3 | 27.0 | 13.2 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 5.0 | 15.0 | 60.0 | 20.0 | p | 12.2 | 14.7 | 44.3 | 28.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 60.0 | 0.0 | 35.0 | 5.0 | p | 45.5 | 5.9 | 35.6 | 13.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.0 | 15.0 | 10.0 | 10.0 | q | 67.7 | 11.2 | 9.4 | 11.7 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 95.0 | 0.0 | 5.0 | 0.0 | p | 89.1 | 4.3 | 4.8 | 1.7 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 10.0 | 80.0 | 0.0 | 10.0 | p | 24.4 | 53.2 | 10.2 | 12.2 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 70.0 | 30.0 | 0.0 | q | 1.8 | 73.2 | 23.4 | 1.2 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 5.0 | 95.0 | p | 4.1 | 4.1 | 3.0 | 88.8 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 5.0 | 25.0 | 5.0 | 65.0 | p | 10.7 | 17.1 | 9.9 | 62.1 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 20.0 | 5.0 | 50.0 | 25.0 | p | 16.0 | 11.4 | 47.9 | 24.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 75.0 | 10.0 | 15.0 | 0.0 | p | 40.5 | 27.8 | 17.0 | 14.2 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 10.0 | 20.0 | 0.0 | 70.0 | q | 5.3 | 11.9 | 7.4 | 75.0 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 15.0 | 20.0 | 60.0 | 5.0 | q | 25.5 | 7.9 | 61.9 | 4.5 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 70.0 | 25.0 | 5.0 | p | 6.8 | 63.1 | 23.9 | 5.8 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 5.0 | 0.0 | 75.0 | 20.0 | q | 3.0 | 1.3 | 81.1 | 14.7 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.0 | 10.0 | 5.0 | 10.0 | p | 54.9 | 16.1 | 8.9 | 19.9 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 75.0 | 15.0 | 10.0 | p | 10.1 | 64.9 | 16.0 | 9.1 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 10.0 | 90.0 | p | 1.8 | 8.1 | 11.7 | 78.3 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 40.0 | 10.0 | 45.0 | 5.0 | p | 50.6 | 9.2 | 34.8 | 5.3 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 85.0 | 10.0 | 0.0 | 5.0 | p | 54.7 | 25.2 | 13.3 | 6.6 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 5.0 | 80.0 | 10.0 | 5.0 | p | 14.3 | 61.8 | 15.2 | 8.6 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 40.0 | 15.0 | 25.0 | 20.0 | p | 25.2 | 31.8 | 14.8 | 27.4 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 75.0 | 15.0 | 10.0 | 0.0 | p | 56.5 | 14.0 | 14.2 | 15.0 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.0 | 60.0 | 10.0 | 0.0 | p | 31.5 | 38.1 | 21.8 | 8.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 10.0 | 75.0 | 5.0 | 10.0 | q | 8.1 | 80.4 | 6.4 | 4.9 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 30.0 | 20.0 | 50.0 | q | 4.3 | 33.4 | 10.2 | 51.9 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 15.0 | 0.0 | 80.0 | 5.0 | q | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 45.0 | 35.0 | 10.0 | 10.0 | q | 28.5 | 41.4 | 22.4 | 7.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 60.0 | 5.0 | 35.0 | 0.0 | q | 36.4 | 13.2 | 37.7 | 11.0 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#050 - Basque Memorial, Red Bay

Grades: K-12

| Item | Key | School [N=2] | | | | District [N=607] | | | | School Above Province [N=3,499] | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------|------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D |
| 1. | B | | | | | P | | 2.8 | 92.6 | 2.1 | 2.5 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 11.0 | 24.2 | 13.0 | 51.7 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 32.5 | 6.1 | 42.2 | 19.1 | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | Q | | 29.2 | 18.5 | 28.3 | 23.9 | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | P | | 9.2 | 3.1 | 77.3 | 10.4 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | Q | | 68.4 | 6.3 | 8.1 | 17.3 | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | P | | 5.8 | 5.6 | 77.1 | 11.5 | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 16.6 | 41.9 | 24.6 | 16.3 | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | Q | | 24.4 | 67.1 | 5.6 | 2.8 | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 31.0 | 21.9 | 38.4 | 8.7 | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 46.0 | 21.6 | 21.8 | 10.1 | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 64.7 | 14.3 | 10.7 | 9.9 | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 4.5 | 7.4 | 9.1 | 79.1 | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 22.4 | 28.0 | 12.9 | 36.1 | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | P | | 48.4 | 15.0 | 7.1 | 29.3 | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | Q | | 60.5 | 10.5 | 10.9 | 17.3 | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 23.4 | 57.0 | 14.3 | 5.3 | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | Q | | 5.4 | 14.2 | 8.6 | 71.8 | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 10.5 | 20.8 | 39.7 | 29.0 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 86.3 | 6.6 | 4.8 | 2.3 | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 14.5 | 45.3 | 27.0 | 13.2 | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 12.2 | 14.7 | 44.3 | 28.8 | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | P | | 45.5 | 5.9 | 35.6 | 13.0 | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | Q | | 67.7 | 11.2 | 9.4 | 11.7 | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 89.1 | 4.3 | 4.8 | 1.7 | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | Q | | 24.4 | 53.2 | 10.2 | 12.2 | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | Q | | 1.8 | 73.2 | 23.4 | 1.2 | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | Q | | 4.1 | 4.1 | 3.0 | 88.8 | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | Q | | 10.7 | 17.1 | 9.9 | 62.1 | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 16.0 | 11.4 | 47.9 | 24.6 | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | Q | | 40.5 | 27.8 | 17.0 | 14.2 | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | Q | | 5.3 | 11.9 | 7.4 | 75.0 | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | Q | | 25.5 | 7.9 | 61.9 | 4.5 | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 6.8 | 63.1 | 23.9 | 5.8 | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | P | | 3.0 | 1.3 | 81.1 | 14.7 | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | P | | 54.9 | 16.1 | 8.9 | 19.9 | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 10.1 | 64.9 | 16.0 | 9.1 | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.8 | 8.1 | 11.7 | 78.3 | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | P | | 50.6 | 9.2 | 34.8 | 5.3 | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | P | | 54.7 | 25.2 | 13.3 | 6.6 | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 14.3 | 61.8 | 15.2 | 8.6 | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | Q | | 25.2 | 31.8 | 14.8 | 27.4 | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | P | | 56.5 | 14.0 | 14.2 | 15.0 | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 31.5 | 38.1 | 21.8 | 8.6 | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | P | | 8.1 | 80.4 | 6.4 | 4.9 | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | Q | | 4.3 | 33.4 | 10.2 | 51.9 | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | P | | 10.4 | 4.3 | 81.7 | 3.5 | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | Q | | 28.5 | 41.4 | 22.4 | 7.1 | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | P | | 36.4 | 13.2 | 37.7 | 11.0 | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#052 - Harriot Curtis Collegiate, St. Anthony

Grades: 8-12

| Item | Key | School [N=31] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.9 | 25.8 | 19.4 | 41.9 | | q | 11.0 | 24.2 | 13.0 | 51.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 12.9 | 12.9 | 54.8 | 19.4 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 29.0 | 12.9 | 29.0 | 29.0 | | P | 29.2 | 18.5 | 28.3 | 23.9 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 22.6 | 0.0 | 71.0 | 6.5 | | q | 9.2 | 3.1 | 77.3 | 10.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 3.2 | 19.4 | 38.7 | 38.7 | | q | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 51.6 | 3.2 | 22.6 | 22.6 | | q | 68.4 | 6.3 | 8.1 | 17.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 9.7 | 6.5 | 71.0 | 12.9 | | q | 5.8 | 5.6 | 77.1 | 11.5 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 9.7 | 48.4 | 9.7 | 32.3 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 32.3 | 58.1 | 6.5 | 3.2 | | q | 24.4 | 67.1 | 5.6 | 2.8 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 38.7 | 25.8 | 32.3 | 3.2 | | q | 31.0 | 21.9 | 38.4 | 8.7 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 35.5 | 29.0 | 25.8 | 9.7 | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 61.3 | 19.4 | 9.7 | 9.7 | | q | 64.7 | 14.3 | 10.7 | 9.9 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.2 | 12.9 | 3.2 | 80.7 | | P | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.6 | 32.3 | 19.4 | 22.6 | | P | 22.4 | 28.0 | 12.9 | 36.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 25.8 | 16.1 | 16.1 | 41.9 | | q | 48.4 | 15.0 | 7.1 | 29.3 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 35.5 | 22.6 | 22.6 | 16.1 | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 12.9 | 61.3 | 16.1 | 9.7 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 3.2 | 3.2 | 6.5 | 87.1 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 6.5 | 19.4 | 41.9 | 32.3 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 87.1 | 3.2 | 6.5 | 3.2 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 19.4 | 45.2 | 25.8 | 9.7 | | q | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.7 | 12.9 | 54.8 | 22.6 | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 22.6 | 3.2 | 58.1 | 16.1 | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 67.7 | 19.4 | 6.5 | 6.5 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 80.7 | 9.7 | 9.7 | 0.0 | | q | 89.1 | 4.3 | 4.8 | 1.7 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 19.4 | 61.3 | 9.7 | 9.7 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.2 | 80.7 | 16.1 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.5 | 0.0 | 3.2 | 90.3 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.5 | 19.4 | 6.5 | 67.7 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 32.3 | 3.2 | 35.5 | 29.0 | | q | 16.0 | 11.4 | 47.9 | 24.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 25.8 | 32.3 | 25.8 | 12.9 | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.2 | 12.9 | 12.9 | 71.0 | | q | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 12.9 | 3.2 | 80.7 | 3.2 | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.5 | 74.2 | 16.1 | 3.2 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 6.5 | 0.0 | 71.0 | 22.6 | | q | 3.0 | 1.3 | 81.1 | 14.7 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 58.1 | 16.1 | 9.7 | 16.1 | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.7 | 54.8 | 22.6 | 12.9 | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 9.7 | 90.3 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 35.5 | 16.1 | 38.7 | 9.7 | | P | 50.6 | 9.2 | 34.8 | 5.3 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 32.3 | 35.5 | 22.6 | 9.7 | | q | 54.7 | 25.2 | 13.3 | 6.6 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 29.0 | 51.6 | 16.1 | 3.2 | | q | 14.3 | 61.8 | 15.2 | 8.6 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 22.6 | 32.3 | 16.1 | 29.0 | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 45.2 | 16.1 | 12.9 | 25.8 | | q | 56.5 | 14.0 | 14.2 | 15.0 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 32.3 | 51.6 | 12.9 | 3.2 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 6.5 | 83.9 | 9.7 | 0.0 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.2 | 35.5 | 19.4 | 41.9 | | q | 4.3 | 33.4 | 10.2 | 51.9 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 3.2 | 6.5 | 87.1 | 3.2 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 12.9 | 61.3 | 19.4 | 6.5 | | q | 28.5 | 41.4 | 22.4 | 7.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.7 | 3.2 | 41.9 | 16.1 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#055 - Our Lady of Labrador, West St. Modeste

Grades: K-3,5-12

| Item | Key | School [N=4] | | | | District [N=607] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | P | | 2.8 | 92.6 | 2.1 | 2.5 | P | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 11.0 | 24.2 | 13.0 | 51.7 | P | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | P | | 32.5 | 6.1 | 42.2 | 19.1 | P | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | P | | 29.2 | 18.5 | 28.3 | 23.9 | P | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | P | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 68.4 | 6.3 | 8.1 | 17.3 | P | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | P | | 5.8 | 5.6 | 77.1 | 11.5 | P | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 16.6 | 41.9 | 24.6 | 16.3 | P | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | P | | 24.4 | 67.1 | 5.6 | 2.8 | P | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 31.0 | 21.9 | 38.4 | 8.7 | P | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 46.0 | 21.6 | 21.8 | 10.1 | P | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | q | | 4.5 | 7.4 | 9.1 | 79.1 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | P | | 48.4 | 15.0 | 7.1 | 29.3 | P | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | P | | 60.5 | 10.5 | 10.9 | 17.3 | P | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 23.4 | 57.0 | 14.3 | 5.3 | P | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 5.4 | 14.2 | 8.6 | 71.8 | P | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 10.5 | 20.8 | 39.7 | 29.0 | P | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 86.3 | 6.6 | 4.8 | 2.3 | P | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 14.5 | 45.3 | 27.0 | 13.2 | P | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 12.2 | 14.7 | 44.3 | 28.8 | P | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | P | | 45.5 | 5.9 | 35.6 | 13.0 | P | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | P | | 67.7 | 11.2 | 9.4 | 11.7 | P | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 89.1 | 4.3 | 4.8 | 1.7 | P | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | P | | 24.4 | 53.2 | 10.2 | 12.2 | P | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | q | | 1.8 | 73.2 | 23.4 | 1.2 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 4.1 | 4.1 | 3.0 | 88.8 | P | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 10.7 | 17.1 | 9.9 | 62.1 | P | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 16.0 | 11.4 | 47.9 | 24.6 | P | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | P | | 40.5 | 27.8 | 17.0 | 14.2 | P | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | P | | 5.3 | 11.9 | 7.4 | 75.0 | P | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 25.5 | 7.9 | 61.9 | 4.5 | P | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 6.8 | 63.1 | 23.9 | 5.8 | P | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | P | | 3.0 | 1.3 | 81.1 | 14.7 | P | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 10.1 | 64.9 | 16.0 | 9.1 | P | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.8 | 8.1 | 11.7 | 78.3 | P | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | q | | 50.6 | 9.2 | 34.8 | 5.3 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | P | | 54.7 | 25.2 | 13.3 | 6.6 | P | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 14.3 | 61.8 | 15.2 | 8.6 | P | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | P | | 56.5 | 14.0 | 14.2 | 15.0 | P | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 31.5 | 38.1 | 21.8 | 8.6 | P | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | P | | 8.1 | 80.4 | 6.4 | 4.9 | P | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 4.3 | 33.4 | 10.2 | 51.9 | P | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | P | | 28.5 | 41.4 | 22.4 | 7.1 | P | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | P | | 36.4 | 13.2 | 37.7 | 11.0 | P | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#063 - Herdman Collegiate, Corner Brook

Grades: 10-12

| Item | Key | School [N=64] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 4.7 | 87.5 | 6.3 | 1.6 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.5 | 34.4 | 15.6 | 37.5 | q | | 11.0 | 24.2 | 13.0 | 51.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 35.9 | 7.8 | 31.3 | 25.0 | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 28.1 | 15.6 | 31.3 | 25.0 | | p | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.3 | 0.0 | 81.3 | 12.5 | | p | 9.2 | 3.1 | 77.3 | 10.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.4 | 15.6 | 48.4 | 26.6 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.1 | 7.8 | 7.8 | 20.3 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 6.3 | 3.1 | 73.4 | 17.2 | q | | 5.8 | 5.6 | 77.1 | 11.5 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 17.2 | 42.2 | 21.9 | 18.8 | | p | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 45.3 | 43.8 | 7.8 | 3.1 | q | | 24.4 | 67.1 | 5.6 | 2.8 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 40.6 | 18.8 | 28.1 | 12.5 | q | | 31.0 | 21.9 | 38.4 | 8.7 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.2 | 23.4 | 21.9 | 10.9 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.4 | 15.6 | 17.2 | 7.8 | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.1 | 6.3 | 9.4 | 81.3 | | p | 4.5 | 7.4 | 9.1 | 79.1 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 17.2 | 31.3 | 14.1 | 37.5 | | p | 22.4 | 28.0 | 12.9 | 36.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 59.4 | 7.8 | 10.9 | 21.9 | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 65.6 | 10.9 | 9.4 | 14.1 | | p | 60.5 | 10.5 | 10.9 | 17.3 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 43.8 | 21.9 | 9.4 | q | | 23.4 | 57.0 | 14.3 | 5.3 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.3 | 15.6 | 10.9 | 67.2 | q | | 5.4 | 14.2 | 8.6 | 71.8 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.9 | 23.4 | 43.8 | 21.9 | | p | 10.5 | 20.8 | 39.7 | 29.0 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 93.8 | 4.7 | 1.6 | 0.0 | | p | 86.3 | 6.6 | 4.8 | 2.3 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.4 | 28.1 | 40.6 | 21.9 | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.5 | 15.6 | 40.6 | 31.3 | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 37.5 | 9.4 | 37.5 | 15.6 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 67.2 | 14.1 | 6.3 | 12.5 | q | | 67.7 | 11.2 | 9.4 | 11.7 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 95.3 | 3.1 | 0.0 | 1.6 | | p | 89.1 | 4.3 | 4.8 | 1.7 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 29.7 | 54.7 | 4.7 | 10.9 | | p | 24.4 | 53.2 | 10.2 | 12.2 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.1 | 71.9 | 20.3 | 3.1 | q | | 1.8 | 73.2 | 23.4 | 1.2 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.3 | 4.7 | 3.1 | 85.9 | q | | 4.1 | 4.1 | 3.0 | 88.8 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 12.5 | 23.4 | 14.1 | 50.0 | q | | 10.7 | 17.1 | 9.9 | 62.1 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 23.4 | 9.4 | 35.9 | 31.3 | q | | 16.0 | 11.4 | 47.9 | 24.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 48.4 | 23.4 | 17.2 | 10.9 | | p | 40.5 | 27.8 | 17.0 | 14.2 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.8 | 7.8 | 6.3 | 78.1 | | p | 5.3 | 11.9 | 7.4 | 75.0 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 4.7 | 64.1 | 6.3 | | p | 25.5 | 7.9 | 61.9 | 4.5 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.7 | 62.5 | 25.0 | 6.3 | q | | 6.8 | 63.1 | 23.9 | 5.8 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.6 | 1.6 | 89.1 | 7.8 | | p | 3.0 | 1.3 | 81.1 | 14.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 57.8 | 20.3 | 10.9 | 10.9 | | p | 54.9 | 16.1 | 8.9 | 19.9 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 12.5 | 62.5 | 12.5 | 12.5 | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.6 | 9.4 | 15.6 | 73.4 | q | | 1.8 | 8.1 | 11.7 | 78.3 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 60.9 | 4.7 | 31.3 | 3.1 | q | | 50.6 | 9.2 | 34.8 | 5.3 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.8 | 25.0 | 9.4 | 7.8 | | p | 54.7 | 25.2 | 13.3 | 6.6 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 10.9 | 68.8 | 20.3 | 0.0 | | p | 14.3 | 61.8 | 15.2 | 8.6 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 17.2 | 37.5 | 14.1 | 31.3 | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 57.8 | 7.8 | 20.3 | 14.1 | | p | 56.5 | 14.0 | 14.2 | 15.0 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 26.6 | 35.9 | 26.6 | 10.9 | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 15.6 | 73.4 | 9.4 | 1.6 | q | | 8.1 | 80.4 | 6.4 | 4.9 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.7 | 39.1 | 14.1 | 42.2 | q | | 4.3 | 33.4 | 10.2 | 51.9 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.8 | 3.1 | 84.4 | 4.7 | | p | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 32.8 | 37.5 | 20.3 | 9.4 | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 31.3 | 15.6 | 43.8 | 9.4 | | p | 36.4 | 13.2 | 37.7 | 11.0 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#068 - Regina High School, Corner Brook

Grades: 10-12

| Item | Key | School [N=84] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 1.2 | 95.2 | 1.2 | 2.4 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.1 | 22.6 | 10.7 | 59.5 | | P | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 38.1 | 4.8 | 35.7 | 20.2 | | q | 32.5 | 6.1 | 42.2 | 19.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 31.0 | 21.4 | 25.0 | 21.4 | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.0 | 3.6 | 85.7 | 4.8 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 11.9 | 14.3 | 46.4 | 27.4 | | q | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 71.4 | 11.9 | 4.8 | 11.9 | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.6 | 2.4 | 82.1 | 11.9 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 14.3 | 32.1 | 32.1 | 20.2 | | q | 16.6 | 41.9 | 24.6 | 16.3 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 25.0 | 64.3 | 8.3 | 1.2 | | q | 24.4 | 67.1 | 5.6 | 2.8 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 26.2 | 25.0 | 35.7 | 13.1 | | q | 31.0 | 21.9 | 38.4 | 8.7 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 44.1 | 25.0 | 21.4 | 8.3 | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 70.2 | 22.6 | 1.2 | 6.0 | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.8 | 6.0 | 8.3 | 81.0 | | P | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 27.4 | 15.5 | 15.5 | 41.7 | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 44.1 | 15.5 | 7.1 | 32.1 | | q | 48.4 | 15.0 | 7.1 | 29.3 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 51.2 | 11.9 | 11.9 | 23.8 | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 33.3 | 46.4 | 17.9 | 2.4 | | q | 23.4 | 57.0 | 14.3 | 5.3 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.1 | 14.3 | 9.5 | 69.1 | | q | 5.4 | 14.2 | 8.6 | 71.8 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 13.1 | 26.2 | 35.7 | 25.0 | | q | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 85.7 | 7.1 | 3.6 | 3.6 | | q | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 16.7 | 33.3 | 33.3 | 16.7 | | q | 14.5 | 45.3 | 27.0 | 13.2 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.9 | 10.7 | 38.1 | 39.3 | | q | 12.2 | 14.7 | 44.3 | 28.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 38.1 | 4.8 | 41.7 | 15.5 | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 53.6 | 10.7 | 15.5 | 20.2 | | q | 67.7 | 11.2 | 9.4 | 11.7 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 92.9 | 2.4 | 3.6 | 1.2 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 28.6 | 42.9 | 9.5 | 19.1 | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 1.2 | 71.4 | 26.2 | 0.0 | | q | 1.8 | 73.2 | 23.4 | 1.2 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.0 | 3.6 | 7.1 | 83.3 | | q | 4.1 | 4.1 | 3.0 | 88.8 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 19.1 | 21.4 | 9.5 | 50.0 | | q | 10.7 | 17.1 | 9.9 | 62.1 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 15.5 | 15.5 | 41.7 | 27.4 | | q | 16.0 | 11.4 | 47.9 | 24.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 38.1 | 28.6 | 21.4 | 11.9 | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.1 | 13.1 | 4.8 | 73.8 | | q | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 35.7 | 3.6 | 54.8 | 4.8 | | q | 25.5 | 7.9 | 61.9 | 4.5 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.0 | 53.6 | 27.4 | 11.9 | | q | 6.8 | 63.1 | 23.9 | 5.8 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 2.4 | 0.0 | 85.7 | 11.9 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 54.8 | 15.5 | 7.1 | 21.4 | | q | 54.9 | 16.1 | 8.9 | 19.9 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 13.1 | 64.3 | 11.9 | 10.7 | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 2.4 | 14.3 | 10.7 | 71.4 | | q | 1.8 | 8.1 | 11.7 | 78.3 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 40.5 | 16.7 | 33.3 | 9.5 | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 69.1 | 17.9 | 9.5 | 3.6 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 21.4 | 54.8 | 19.1 | 4.8 | | q | 14.3 | 61.8 | 15.2 | 8.6 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 22.6 | 32.1 | 14.3 | 28.6 | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 53.6 | 13.1 | 7.1 | 25.0 | | q | 56.5 | 14.0 | 14.2 | 15.0 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 34.5 | 33.3 | 22.6 | 9.5 | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 1.2 | 81.0 | 8.3 | 9.5 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.6 | 35.7 | 8.3 | 52.4 | | P | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.1 | 2.4 | 89.3 | 1.2 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 26.2 | 35.7 | 26.2 | 9.5 | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.1 | 16.7 | 28.6 | 13.1 | | q | 36.4 | 13.2 | 37.7 | 11.0 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#072 - Holy Cross All Grade School, Daniel's Harbour

Grades: K-1,3-12

| Item | Key | School [N=3] | | | | District [N=607] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | q | | 11.0 | 24.2 | 13.0 | 51.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | p | 29.2 | 18.5 | 28.3 | 23.9 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | p | 68.4 | 6.3 | 8.1 | 17.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | q | | 5.8 | 5.6 | 77.1 | 11.5 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | q | | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | q | | 24.4 | 67.1 | 5.6 | 2.8 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | p | 46.0 | 21.6 | 21.8 | 10.1 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | p | 64.7 | 14.3 | 10.7 | 9.9 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | q | | 4.5 | 7.4 | 9.1 | 79.1 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | p | 60.5 | 10.5 | 10.9 | 17.3 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | q | | 23.4 | 57.0 | 14.3 | 5.3 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | q | | 5.4 | 14.2 | 8.6 | 71.8 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | q | | 10.5 | 20.8 | 39.7 | 29.0 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | p | 86.3 | 6.6 | 4.8 | 2.3 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | p | 12.2 | 14.7 | 44.3 | 28.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | p | 67.7 | 11.2 | 9.4 | 11.7 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | p | 89.1 | 4.3 | 4.8 | 1.7 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | p | 24.4 | 53.2 | 10.2 | 12.2 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | p | 1.8 | 73.2 | 23.4 | 1.2 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | p | 4.1 | 4.1 | 3.0 | 88.8 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | p | 10.7 | 17.1 | 9.9 | 62.1 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | p | 16.0 | 11.4 | 47.9 | 24.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | p | 40.5 | 27.8 | 17.0 | 14.2 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | p | 5.3 | 11.9 | 7.4 | 75.0 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | q | | 25.5 | 7.9 | 61.9 | 4.5 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | p | 6.8 | 63.1 | 23.9 | 5.8 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | p | 3.0 | 1.3 | 81.1 | 14.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | p | 54.9 | 16.1 | 8.9 | 19.9 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | p | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | q | | 1.8 | 8.1 | 11.7 | 78.3 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | p | 54.7 | 25.2 | 13.3 | 6.6 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | p | 14.3 | 61.8 | 15.2 | 8.6 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | p | 25.2 | 31.8 | 14.8 | 27.4 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | | 56.5 | 14.0 | 14.2 | 15.0 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | p | 8.1 | 80.4 | 6.4 | 4.9 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | q | | 4.3 | 33.4 | 10.2 | 51.9 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | p | 10.4 | 4.3 | 81.7 | 3.5 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#074 - Templeton Collegiate, Gillams

Grades: 7-12

| Item | Key | School [N=16] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 18.8 | 43.8 | 0.0 | 37.5 | | Q | 11.0 | 24.2 | 13.0 | 51.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 43.8 | 12.5 | 31.3 | 12.5 | | Q | 32.5 | 6.1 | 42.2 | 19.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 12.5 | 25.0 | 25.0 | 37.5 | | P | 29.2 | 18.5 | 28.3 | 23.9 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 12.5 | 0.0 | 75.0 | 12.5 | | Q | 9.2 | 3.1 | 77.3 | 10.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 6.3 | 12.5 | 56.3 | 25.0 | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 75.0 | 6.3 | 6.3 | 12.5 | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 6.3 | 0.0 | 87.5 | 6.3 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 25.0 | 56.3 | 6.3 | 12.5 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 12.5 | 68.8 | 18.8 | 0.0 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 37.5 | 6.3 | 50.0 | 6.3 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 68.8 | 25.0 | 6.3 | 0.0 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 6.3 | 93.8 | | P | 4.5 | 7.4 | 9.1 | 79.1 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 12.5 | 6.3 | 0.0 | 81.3 | | Q | 22.4 | 28.0 | 12.9 | 36.1 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 43.8 | 12.5 | 6.3 | 37.5 | | Q | 48.4 | 15.0 | 7.1 | 29.3 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 68.8 | 6.3 | 12.5 | 12.5 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 37.5 | 43.8 | 12.5 | 6.3 | | Q | 23.4 | 57.0 | 14.3 | 5.3 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 18.8 | 18.8 | 6.3 | 56.3 | | Q | 5.4 | 14.2 | 8.6 | 71.8 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.8 | 25.0 | 31.3 | 25.0 | | Q | 10.5 | 20.8 | 39.7 | 29.0 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 93.8 | 0.0 | 6.3 | 0.0 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 6.3 | 56.3 | 25.0 | 12.5 | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 6.3 | 18.8 | 56.3 | 18.8 | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 62.5 | 6.3 | 18.8 | 12.5 | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 87.5 | 0.0 | 6.3 | 6.3 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.8 | 6.3 | 0.0 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 37.5 | 56.3 | 0.0 | 6.3 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 81.3 | 18.8 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.3 | 0.0 | 6.3 | 87.5 | | Q | 4.1 | 4.1 | 3.0 | 88.8 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.3 | 6.3 | 0.0 | 87.5 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 6.3 | 6.3 | 68.8 | 18.8 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 31.3 | 18.8 | 31.3 | 18.8 | | Q | 40.5 | 27.8 | 17.0 | 14.2 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 37.5 | 0.0 | 56.3 | 6.3 | | Q | 25.5 | 7.9 | 61.9 | 4.5 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.3 | 68.8 | 25.0 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 31.3 | 6.3 | 12.5 | | Q | 54.9 | 16.1 | 8.9 | 19.9 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 12.5 | 62.5 | 12.5 | 12.5 | | Q | 10.1 | 64.9 | 16.0 | 9.1 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 12.5 | 25.0 | 62.5 | | Q | 1.8 | 8.1 | 11.7 | 78.3 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 62.5 | 12.5 | 25.0 | 0.0 | | Q | 50.6 | 9.2 | 34.8 | 5.3 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 68.8 | 18.8 | 12.5 | 0.0 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 62.5 | 31.3 | 0.0 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 12.5 | 37.5 | 18.8 | 25.0 | | Q | 25.2 | 31.8 | 14.8 | 27.4 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 37.5 | 12.5 | 25.0 | 25.0 | | Q | 56.5 | 14.0 | 14.2 | 15.0 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.0 | 50.0 | 18.8 | 6.3 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 93.8 | 6.3 | 0.0 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.3 | 37.5 | 18.8 | 37.5 | | Q | 4.3 | 33.4 | 10.2 | 51.9 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 12.5 | 0.0 | 87.5 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 25.0 | 37.5 | 12.5 | 18.8 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 6.3 | 31.3 | 12.5 | | Q | 36.4 | 13.2 | 37.7 | 11.0 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#075 - Hampden Academy, Hampden

Grades: K-12

| Item | Key | School [N=3] | | | | District [N=607] | | | | Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | P | | 2.8 | 92.6 | 2.1 | 2.5 | P | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 11.0 | 24.2 | 13.0 | 51.7 | P | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 32.5 | 6.1 | 42.2 | 19.1 | P | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 29.2 | 18.5 | 28.3 | 23.9 | P | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | Q | | 9.2 | 3.1 | 77.3 | 10.4 | Q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | P | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | Q | | 68.4 | 6.3 | 8.1 | 17.3 | Q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | Q | | 5.8 | 5.6 | 77.1 | 11.5 | Q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 16.6 | 41.9 | 24.6 | 16.3 | P | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | Q | | 24.4 | 67.1 | 5.6 | 2.8 | Q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 31.0 | 21.9 | 38.4 | 8.7 | P | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 46.0 | 21.6 | 21.8 | 10.1 | P | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 64.7 | 14.3 | 10.7 | 9.9 | Q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 4.5 | 7.4 | 9.1 | 79.1 | P | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 22.4 | 28.0 | 12.9 | 36.1 | P | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | P | | 48.4 | 15.0 | 7.1 | 29.3 | P | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | Q | | 60.5 | 10.5 | 10.9 | 17.3 | Q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 23.4 | 57.0 | 14.3 | 5.3 | P | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 5.4 | 14.2 | 8.6 | 71.8 | P | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | Q | | 10.5 | 20.8 | 39.7 | 29.0 | Q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 86.3 | 6.6 | 4.8 | 2.3 | P | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 14.5 | 45.3 | 27.0 | 13.2 | P | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | Q | | 12.2 | 14.7 | 44.3 | 28.8 | Q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | Q | | 45.5 | 5.9 | 35.6 | 13.0 | Q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | Q | | 67.7 | 11.2 | 9.4 | 11.7 | Q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 89.1 | 4.3 | 4.8 | 1.7 | P | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | P | | 24.4 | 53.2 | 10.2 | 12.2 | P | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | Q | | 1.8 | 73.2 | 23.4 | 1.2 | Q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 4.1 | 4.1 | 3.0 | 88.8 | P | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 10.7 | 17.1 | 9.9 | 62.1 | P | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 16.0 | 11.4 | 47.9 | 24.6 | P | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | P | | 40.5 | 27.8 | 17.0 | 14.2 | P | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | Q | | 5.3 | 11.9 | 7.4 | 75.0 | Q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 25.5 | 7.9 | 61.9 | 4.5 | P | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 6.8 | 63.1 | 23.9 | 5.8 | P | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | P | | 3.0 | 1.3 | 81.1 | 14.7 | P | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | P | | 54.9 | 16.1 | 8.9 | 19.9 | P | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 10.1 | 64.9 | 16.0 | 9.1 | Q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.8 | 8.1 | 11.7 | 78.3 | P | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | Q | | 50.6 | 9.2 | 34.8 | 5.3 | Q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | Q | | 54.7 | 25.2 | 13.3 | 6.6 | Q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 14.3 | 61.8 | 15.2 | 8.6 | P | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | P | | 25.2 | 31.8 | 14.8 | 27.4 | P | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | P | | 56.5 | 14.0 | 14.2 | 15.0 | P | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 31.5 | 38.1 | 21.8 | 8.6 | P | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | P | | 8.1 | 80.4 | 6.4 | 4.9 | P | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 4.3 | 33.4 | 10.2 | 51.9 | P | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | P | | 10.4 | 4.3 | 81.7 | 3.5 | P | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | P | | 28.5 | 41.4 | 22.4 | 7.1 | P | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | Q | | 36.4 | 13.2 | 37.7 | 11.0 | Q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#079 - St. James All Grade, Lark Harbour

Grades: K-12

| Item | Key | School [N=6] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 33.3 | 16.7 | 33.3 | q | | 11.0 | 24.2 | 13.0 | 51.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 16.7 | 0.0 | 66.7 | 16.7 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.7 | 16.7 | 16.7 | 50.0 | | P | 29.2 | 18.5 | 28.3 | 23.9 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 16.7 | 0.0 | 83.3 | 0.0 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 16.7 | 33.3 | 50.0 | 0.0 | | P | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 66.7 | 0.0 | 0.0 | 33.3 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 16.7 | 0.0 | 83.3 | 0.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 66.7 | 33.3 | 0.0 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.7 | 83.3 | 0.0 | 0.0 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 50.0 | 16.7 | 33.3 | 0.0 | q | | 31.0 | 21.9 | 38.4 | 8.7 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 66.7 | 0.0 | 16.7 | 16.7 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 0.0 | 16.7 | 0.0 | | P | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 16.7 | 33.3 | 50.0 | q | | 4.5 | 7.4 | 9.1 | 79.1 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 16.7 | 0.0 | 16.7 | 66.7 | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 66.7 | 0.0 | 0.0 | 33.3 | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 33.3 | 33.3 | 16.7 | 16.7 | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 16.7 | 16.7 | 50.0 | 16.7 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 33.3 | 33.3 | 33.3 | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 16.7 | 33.3 | 16.7 | 33.3 | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 16.7 | 0.0 | 83.3 | 0.0 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 66.7 | 33.3 | 0.0 | 0.0 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 0.0 | 66.7 | 33.3 | 0.0 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 50.0 | 50.0 | 0.0 | q | | 1.8 | 73.2 | 23.4 | 1.2 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 33.3 | 0.0 | 66.7 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 16.7 | 33.3 | 50.0 | q | | 16.0 | 11.4 | 47.9 | 24.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 33.3 | 50.0 | 16.7 | 0.0 | q | | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 50.0 | 0.0 | 50.0 | 0.0 | q | | 25.5 | 7.9 | 61.9 | 4.5 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 16.7 | 83.3 | 0.0 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 83.3 | 16.7 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 16.7 | 33.3 | 0.0 | q | | 50.6 | 9.2 | 34.8 | 5.3 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 0.0 | 83.3 | 16.7 | 0.0 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 50.0 | 16.7 | 33.3 | q | | 14.3 | 61.8 | 15.2 | 8.6 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 16.7 | 33.3 | 33.3 | 16.7 | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 83.3 | 16.7 | 0.0 | 0.0 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 16.7 | 0.0 | 83.3 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 0.0 | 66.7 | 0.0 | 33.3 | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 0.0 | 66.7 | 0.0 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#083 - Pasadena Academy, Pasadena

Grades: 7-12

| Item | Key | School [N=27] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 96.3 | 0.0 | 3.7 | P | 2.8 | 92.6 | 2.1 | 2.5 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 3.7 | 14.8 | 11.1 | 70.4 | P | 11.0 | 24.2 | 13.0 | 51.7 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 11.1 | 0.0 | 74.1 | 14.8 | P | 32.5 | 6.1 | 42.2 | 19.1 | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.9 | 22.2 | 25.9 | 25.9 | P | 29.2 | 18.5 | 28.3 | 23.9 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 3.7 | 0.0 | 85.2 | 11.1 | P | 9.2 | 3.1 | 77.3 | 10.4 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 3.7 | 85.2 | 11.1 | P | 9.2 | 13.3 | 48.9 | 28.5 | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 85.2 | 0.0 | 11.1 | 3.7 | P | 68.4 | 6.3 | 8.1 | 17.3 | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.7 | 0.0 | 96.3 | 0.0 | P | 5.8 | 5.6 | 77.1 | 11.5 | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 85.2 | 3.7 | 11.1 | P | 16.6 | 41.9 | 24.6 | 16.3 | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 25.9 | 74.1 | 0.0 | 0.0 | P | 24.4 | 67.1 | 5.6 | 2.8 | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 18.5 | 40.7 | 7.4 | P | 31.0 | 21.9 | 38.4 | 8.7 | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 59.3 | 14.8 | 22.2 | 3.7 | P | 46.0 | 21.6 | 21.8 | 10.1 | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.3 | 7.4 | 18.5 | 14.8 | q | 64.7 | 14.3 | 10.7 | 9.9 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.7 | 3.7 | 3.7 | 88.9 | P | 4.5 | 7.4 | 9.1 | 79.1 | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.5 | 25.9 | 3.7 | 48.2 | q | 22.4 | 28.0 | 12.9 | 36.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 77.8 | 7.4 | 3.7 | 11.1 | P | 48.4 | 15.0 | 7.1 | 29.3 | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 81.5 | 7.4 | 0.0 | 11.1 | P | 60.5 | 10.5 | 10.9 | 17.3 | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 18.5 | 63.0 | 7.4 | 11.1 | P | 23.4 | 57.0 | 14.3 | 5.3 | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 18.5 | 11.1 | 70.4 | q | 5.4 | 14.2 | 8.6 | 71.8 | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 14.8 | 11.1 | 40.7 | 33.3 | P | 10.5 | 20.8 | 39.7 | 29.0 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 96.3 | 3.7 | 0.0 | 0.0 | P | 86.3 | 6.6 | 4.8 | 2.3 | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 3.7 | 66.7 | 22.2 | 7.4 | P | 14.5 | 45.3 | 27.0 | 13.2 | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.5 | 11.1 | 66.7 | 3.7 | P | 12.2 | 14.7 | 44.3 | 28.8 | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 77.8 | 0.0 | 18.5 | 3.7 | P | 45.5 | 5.9 | 35.6 | 13.0 | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | P | 67.7 | 11.2 | 9.4 | 11.7 | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 92.6 | 0.0 | 7.4 | 0.0 | P | 89.1 | 4.3 | 4.8 | 1.7 | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 11.1 | 77.8 | 3.7 | 7.4 | P | 24.4 | 53.2 | 10.2 | 12.2 | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.7 | 74.1 | 22.2 | 0.0 | P | 1.8 | 73.2 | 23.4 | 1.2 | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 3.7 | 96.3 | P | 4.1 | 4.1 | 3.0 | 88.8 | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 11.1 | 14.8 | 74.1 | P | 10.7 | 17.1 | 9.9 | 62.1 | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 11.1 | 59.3 | 29.6 | P | 16.0 | 11.4 | 47.9 | 24.6 | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 51.9 | 33.3 | 3.7 | 11.1 | P | 40.5 | 27.8 | 17.0 | 14.2 | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.7 | 3.7 | 0.0 | 92.6 | P | 5.3 | 11.9 | 7.4 | 75.0 | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 14.8 | 3.7 | 77.8 | 3.7 | P | 25.5 | 7.9 | 61.9 | 4.5 | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 11.1 | 70.4 | 14.8 | 3.7 | P | 6.8 | 63.1 | 23.9 | 5.8 | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | P | 3.0 | 1.3 | 81.1 | 14.7 | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 70.4 | 11.1 | 3.7 | 14.8 | P | 54.9 | 16.1 | 8.9 | 19.9 | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 70.4 | 29.6 | 0.0 | P | 10.1 | 64.9 | 16.0 | 9.1 | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 7.4 | 92.6 | P | 1.8 | 8.1 | 11.7 | 78.3 | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.4 | 11.1 | 3.7 | 11.1 | q | 50.6 | 9.2 | 34.8 | 5.3 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 59.3 | 22.2 | 14.8 | 3.7 | P | 54.7 | 25.2 | 13.3 | 6.6 | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 3.7 | 81.5 | 7.4 | 7.4 | P | 14.3 | 61.8 | 15.2 | 8.6 | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 33.3 | 25.9 | 25.9 | 11.1 | P | 25.2 | 31.8 | 14.8 | 27.4 | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 63.0 | 11.1 | 7.4 | 18.5 | P | 56.5 | 14.0 | 14.2 | 15.0 | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.9 | 66.7 | 0.0 | 7.4 | P | 31.5 | 38.1 | 21.8 | 8.6 | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 14.8 | 81.5 | 3.7 | 0.0 | P | 8.1 | 80.4 | 6.4 | 4.9 | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.7 | 25.9 | 14.8 | 51.9 | P | 4.3 | 33.4 | 10.2 | 51.9 | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 3.7 | 92.6 | 3.7 | P | 10.4 | 4.3 | 81.7 | 3.5 | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 22.2 | 40.7 | 25.9 | 11.1 | P | 28.5 | 41.4 | 22.4 | 7.1 | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 29.6 | 0.0 | 63.0 | 3.7 | P | 36.4 | 13.2 | 37.7 | 11.0 | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#086 - Gros Morne Academy, Rocky Harbour

Grades: K-12

| Item | Key | School [N=8] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.5 | 12.5 | 12.5 | 62.5 | | P | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.0 | 0.0 | 62.5 | 12.5 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 0.0 | 75.0 | 0.0 | | Q | 29.2 | 18.5 | 28.3 | 23.9 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 87.5 | 12.5 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 62.5 | 37.5 | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 62.5 | 0.0 | 0.0 | 37.5 | | Q | 68.4 | 6.3 | 8.1 | 17.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 25.0 | 50.0 | 12.5 | 12.5 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 0.0 | 50.0 | 50.0 | 0.0 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.0 | 0.0 | 50.0 | 0.0 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 0.0 | 12.5 | 12.5 | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 25.0 | 0.0 | 75.0 | | Q | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 25.0 | 50.0 | 12.5 | 12.5 | | P | 22.4 | 28.0 | 12.9 | 36.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 50.0 | 12.5 | 0.0 | 37.5 | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 87.5 | 12.5 | 0.0 | 0.0 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 37.5 | 50.0 | 0.0 | 12.5 | | Q | 23.4 | 57.0 | 14.3 | 5.3 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 37.5 | 50.0 | 12.5 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 75.0 | 12.5 | 12.5 | 0.0 | | Q | 86.3 | 6.6 | 4.8 | 2.3 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 37.5 | 62.5 | 0.0 | | Q | 14.5 | 45.3 | 27.0 | 13.2 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 25.0 | 50.0 | 25.0 | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 75.0 | 0.0 | 25.0 | 0.0 | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 37.5 | 0.0 | 0.0 | 62.5 | | Q | 67.7 | 11.2 | 9.4 | 11.7 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 12.5 | 75.0 | 12.5 | 0.0 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 87.5 | 12.5 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 25.0 | 12.5 | 62.5 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 12.5 | 12.5 | 50.0 | 25.0 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 37.5 | 37.5 | 25.0 | 0.0 | | Q | 40.5 | 27.8 | 17.0 | 14.2 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 0.0 | 12.5 | 87.5 | 0.0 | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 75.0 | 25.0 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 25.0 | 12.5 | 12.5 | 50.0 | | Q | 54.9 | 16.1 | 8.9 | 19.9 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 75.0 | 12.5 | 12.5 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 62.5 | 25.0 | 12.5 | 0.0 | | Q | 50.6 | 9.2 | 34.8 | 5.3 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 0.0 | 37.5 | 50.0 | 12.5 | | Q | 54.7 | 25.2 | 13.3 | 6.6 | | Q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.5 | 87.5 | 0.0 | 0.0 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 25.0 | 37.5 | 0.0 | 37.5 | | Q | 25.2 | 31.8 | 14.8 | 27.4 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 25.0 | 12.5 | 12.5 | | Q | 56.5 | 14.0 | 14.2 | 15.0 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 37.5 | 50.0 | 12.5 | 0.0 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 12.5 | 75.0 | 0.0 | 12.5 | | Q | 8.1 | 80.4 | 6.4 | 4.9 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 37.5 | 12.5 | 50.0 | | Q | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 12.5 | 0.0 | 87.5 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 37.5 | 50.0 | 12.5 | 0.0 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 0.0 | 37.5 | 12.5 | | Q | 36.4 | 13.2 | 37.7 | 11.0 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#088 - Main River Academy, Pollard's Point

Grades: K-12

| Item | Key | School [N=7] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 85.7 | 14.3 | 0.0 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 28.6 | 0.0 | 71.4 | | p | 11.0 | 24.2 | 13.0 | 51.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 14.3 | 0.0 | 71.4 | 14.3 | | p | 32.5 | 6.1 | 42.2 | 19.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 57.1 | 42.9 | 0.0 | 0.0 | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 14.3 | 0.0 | 85.7 | 0.0 | | p | 9.2 | 3.1 | 77.3 | 10.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 14.3 | 85.7 | 0.0 | | p | 9.2 | 13.3 | 48.9 | 28.5 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 85.7 | 0.0 | 0.0 | 14.3 | | p | 68.4 | 6.3 | 8.1 | 17.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 85.7 | 14.3 | | p | 5.8 | 5.6 | 77.1 | 11.5 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 28.6 | 42.9 | 0.0 | 28.6 | | p | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 24.4 | 67.1 | 5.6 | 2.8 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 14.3 | 14.3 | 71.4 | 0.0 | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.9 | 14.3 | 28.6 | 14.3 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 85.7 | 0.0 | 0.0 | 14.3 | | p | 64.7 | 14.3 | 10.7 | 9.9 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.5 | 7.4 | 9.1 | 79.1 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 0.0 | 14.3 | 28.6 | 57.1 | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 85.7 | 0.0 | 0.0 | 14.3 | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 57.1 | 42.9 | 0.0 | 0.0 | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 23.4 | 57.0 | 14.3 | 5.3 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 14.3 | 28.6 | 57.1 | q | | 5.4 | 14.2 | 8.6 | 71.8 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 14.3 | 14.3 | 42.9 | 28.6 | | p | 10.5 | 20.8 | 39.7 | 29.0 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 86.3 | 6.6 | 4.8 | 2.3 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 57.1 | 28.6 | 14.3 | | p | 14.5 | 45.3 | 27.0 | 13.2 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 28.6 | 57.1 | 14.3 | 0.0 | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 57.1 | 0.0 | 42.9 | 0.0 | | p | 45.5 | 5.9 | 35.6 | 13.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 85.7 | 0.0 | 14.3 | 0.0 | | p | 67.7 | 11.2 | 9.4 | 11.7 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 71.4 | 0.0 | 28.6 | 0.0 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 42.9 | 28.6 | 14.3 | 14.3 | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 85.7 | 14.3 | 0.0 | | p | 1.8 | 73.2 | 23.4 | 1.2 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 28.6 | 0.0 | 71.4 | q | | 4.1 | 4.1 | 3.0 | 88.8 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 28.6 | 71.4 | | p | 10.7 | 17.1 | 9.9 | 62.1 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 14.3 | 57.1 | 28.6 | | p | 16.0 | 11.4 | 47.9 | 24.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 0.0 | 42.9 | 42.9 | 14.3 | q | | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 14.3 | 0.0 | 85.7 | | p | 5.3 | 11.9 | 7.4 | 75.0 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 28.6 | 0.0 | 71.4 | 0.0 | | p | 25.5 | 7.9 | 61.9 | 4.5 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 85.7 | 0.0 | 14.3 | | p | 6.8 | 63.1 | 23.9 | 5.8 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 3.0 | 1.3 | 81.1 | 14.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 42.9 | 42.9 | 0.0 | 14.3 | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 57.1 | 28.6 | 14.3 | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 14.3 | 0.0 | 85.7 | | p | 1.8 | 8.1 | 11.7 | 78.3 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 28.6 | 0.0 | 71.4 | 0.0 | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 14.3 | 28.6 | 42.9 | 14.3 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 85.7 | 14.3 | 0.0 | | p | 14.3 | 61.8 | 15.2 | 8.6 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 28.6 | 28.6 | 0.0 | 42.9 | | p | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 85.7 | 0.0 | 0.0 | 14.3 | | p | 56.5 | 14.0 | 14.2 | 15.0 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.6 | 42.9 | 28.6 | 0.0 | | p | 31.5 | 38.1 | 21.8 | 8.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 28.6 | 57.1 | 14.3 | 0.0 | q | | 8.1 | 80.4 | 6.4 | 4.9 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.3 | 33.4 | 10.2 | 51.9 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 14.3 | 0.0 | 71.4 | 14.3 | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 14.3 | 57.1 | 14.3 | 14.3 | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 0.0 | 28.6 | 71.4 | 0.0 | | p | 36.4 | 13.2 | 37.7 | 11.0 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#089 - Jakeman All Grade, Trout River

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=607] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 11.0 | 24.2 | 13.0 | 51.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 9.2 | 3.1 | 77.3 | 10.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | q | | 68.4 | 6.3 | 8.1 | 17.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | q | | 5.8 | 5.6 | 77.1 | 11.5 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | q | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | q | 23.4 | 57.0 | 14.3 | 5.3 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | q | 10.5 | 20.8 | 39.7 | 29.0 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | q | 86.3 | 6.6 | 4.8 | 2.3 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | q | 14.5 | 45.3 | 27.0 | 13.2 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | q | 12.2 | 14.7 | 44.3 | 28.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | q | 16.0 | 11.4 | 47.9 | 24.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | P | 40.5 | 27.8 | 17.0 | 14.2 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | q | 6.8 | 63.1 | 23.9 | 5.8 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | q | 3.0 | 1.3 | 81.1 | 14.7 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 54.7 | 25.2 | 13.3 | 6.6 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | q | 28.5 | 41.4 | 22.4 | 7.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | q | 36.4 | 13.2 | 37.7 | 11.0 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#091 - Burgeo Academy, Burgeo

Grades: K-12

| Item | Key | School [N=5] | | | | District [N=607] | | | | Province [N=3,499] | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D |
| 1. | B | | | | | P | | 2.8 | 92.6 | 2.1 | 2.5 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 11.0 | 24.2 | 13.0 | 51.7 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | P | | 9.2 | 3.1 | 77.3 | 10.4 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 68.4 | 6.3 | 8.1 | 17.3 | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | P | | 5.8 | 5.6 | 77.1 | 11.5 | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 16.6 | 41.9 | 24.6 | 16.3 | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | q | | 24.4 | 67.1 | 5.6 | 2.8 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 31.0 | 21.9 | 38.4 | 8.7 | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 46.0 | 21.6 | 21.8 | 10.1 | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 64.7 | 14.3 | 10.7 | 9.9 | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 4.5 | 7.4 | 9.1 | 79.1 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | q | | 48.4 | 15.0 | 7.1 | 29.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 23.4 | 57.0 | 14.3 | 5.3 | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 5.4 | 14.2 | 8.6 | 71.8 | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 10.5 | 20.8 | 39.7 | 29.0 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | q | | 86.3 | 6.6 | 4.8 | 2.3 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 14.5 | 45.3 | 27.0 | 13.2 | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | P | | 67.7 | 11.2 | 9.4 | 11.7 | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | P | | 24.4 | 53.2 | 10.2 | 12.2 | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | P | | 1.8 | 73.2 | 23.4 | 1.2 | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 4.1 | 4.1 | 3.0 | 88.8 | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 10.7 | 17.1 | 9.9 | 62.1 | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 16.0 | 11.4 | 47.9 | 24.6 | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | P | | 40.5 | 27.8 | 17.0 | 14.2 | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | P | | 5.3 | 11.9 | 7.4 | 75.0 | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 25.5 | 7.9 | 61.9 | 4.5 | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 6.8 | 63.1 | 23.9 | 5.8 | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | P | | 3.0 | 1.3 | 81.1 | 14.7 | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.8 | 8.1 | 11.7 | 78.3 | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | q | | 50.6 | 9.2 | 34.8 | 5.3 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | P | | 54.7 | 25.2 | 13.3 | 6.6 | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | q | | 14.3 | 61.8 | 15.2 | 8.6 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | P | | 25.2 | 31.8 | 14.8 | 27.4 | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | | 56.5 | 14.0 | 14.2 | 15.0 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 31.5 | 38.1 | 21.8 | 8.6 | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | P | | 8.1 | 80.4 | 6.4 | 4.9 | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 4.3 | 33.4 | 10.2 | 51.9 | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | P | | 36.4 | 13.2 | 37.7 | 11.0 | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#092 - Grandy's River Collegiate, Burnt Islands

Grades: K-12

| Item | Key | School [N=10] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 90.0 | 10.0 | 0.0 | q | 2.8 | 92.6 | 2.1 | 2.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 60.0 | 20.0 | 20.0 | q | 11.0 | 24.2 | 13.0 | 51.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 0.0 | 40.0 | 30.0 | q | 32.5 | 6.1 | 42.2 | 19.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 20.0 | 10.0 | 40.0 | 30.0 | p | 29.2 | 18.5 | 28.3 | 23.9 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 9.2 | 3.1 | 77.3 | 10.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.0 | 20.0 | 30.0 | 40.0 | q | 9.2 | 13.3 | 48.9 | 28.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 20.0 | 30.0 | 0.0 | q | 68.4 | 6.3 | 8.1 | 17.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 20.0 | 70.0 | 10.0 | q | 5.8 | 5.6 | 77.1 | 11.5 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 30.0 | 10.0 | 40.0 | 20.0 | q | 16.6 | 41.9 | 24.6 | 16.3 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 20.0 | 80.0 | 0.0 | 0.0 | p | 24.4 | 67.1 | 5.6 | 2.8 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.0 | 10.0 | 60.0 | 10.0 | p | 31.0 | 21.9 | 38.4 | 8.7 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 10.0 | 30.0 | 0.0 | p | 46.0 | 21.6 | 21.8 | 10.1 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 60.0 | 30.0 | 0.0 | 10.0 | q | 64.7 | 14.3 | 10.7 | 9.9 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 10.0 | 10.0 | 80.0 | p | 4.5 | 7.4 | 9.1 | 79.1 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 30.0 | 30.0 | 20.0 | 20.0 | p | 22.4 | 28.0 | 12.9 | 36.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 30.0 | 50.0 | 10.0 | 10.0 | q | 48.4 | 15.0 | 7.1 | 29.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 30.0 | 10.0 | 10.0 | q | 60.5 | 10.5 | 10.9 | 17.3 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 50.0 | 40.0 | 0.0 | 10.0 | q | 23.4 | 57.0 | 14.3 | 5.3 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.0 | 20.0 | 20.0 | 50.0 | q | 5.4 | 14.2 | 8.6 | 71.8 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 30.0 | 10.0 | 60.0 | q | 10.5 | 20.8 | 39.7 | 29.0 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 86.3 | 6.6 | 4.8 | 2.3 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 20.0 | 10.0 | 40.0 | 30.0 | q | 14.5 | 45.3 | 27.0 | 13.2 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 0.0 | 50.0 | 50.0 | p | 12.2 | 14.7 | 44.3 | 28.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 60.0 | 0.0 | 20.0 | 20.0 | p | 45.5 | 5.9 | 35.6 | 13.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 70.0 | 10.0 | 0.0 | 20.0 | p | 67.7 | 11.2 | 9.4 | 11.7 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 89.1 | 4.3 | 4.8 | 1.7 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 10.0 | 70.0 | 10.0 | 10.0 | p | 24.4 | 53.2 | 10.2 | 12.2 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 90.0 | 10.0 | 0.0 | p | 1.8 | 73.2 | 23.4 | 1.2 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 4.1 | 3.0 | 88.8 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 30.0 | 10.0 | 0.0 | 60.0 | q | 10.7 | 17.1 | 9.9 | 62.1 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 30.0 | 10.0 | 40.0 | 20.0 | q | 16.0 | 11.4 | 47.9 | 24.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 40.0 | 30.0 | 20.0 | 10.0 | q | 40.5 | 27.8 | 17.0 | 14.2 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 20.0 | 0.0 | 80.0 | p | 5.3 | 11.9 | 7.4 | 75.0 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 30.0 | 10.0 | 60.0 | 0.0 | q | 25.5 | 7.9 | 61.9 | 4.5 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 80.0 | 10.0 | 10.0 | p | 6.8 | 63.1 | 23.9 | 5.8 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 10.0 | 0.0 | 80.0 | 10.0 | q | 3.0 | 1.3 | 81.1 | 14.7 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 40.0 | 20.0 | 10.0 | 30.0 | q | 54.9 | 16.1 | 8.9 | 19.9 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 30.0 | 70.0 | 0.0 | 0.0 | p | 10.1 | 64.9 | 16.0 | 9.1 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 20.0 | 10.0 | 70.0 | q | 1.8 | 8.1 | 11.7 | 78.3 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.0 | 10.0 | 20.0 | 0.0 | q | 50.6 | 9.2 | 34.8 | 5.3 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 40.0 | 30.0 | 20.0 | 10.0 | q | 54.7 | 25.2 | 13.3 | 6.6 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 30.0 | 50.0 | 0.0 | 20.0 | q | 14.3 | 61.8 | 15.2 | 8.6 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 20.0 | 40.0 | 10.0 | 30.0 | q | 25.2 | 31.8 | 14.8 | 27.4 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 10.0 | 10.0 | 10.0 | p | 56.5 | 14.0 | 14.2 | 15.0 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 60.0 | 10.0 | 30.0 | 0.0 | q | 31.5 | 38.1 | 21.8 | 8.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 8.1 | 80.4 | 6.4 | 4.9 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 40.0 | 10.0 | 50.0 | q | 4.3 | 33.4 | 10.2 | 51.9 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 20.0 | 0.0 | 80.0 | 0.0 | q | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 20.0 | 40.0 | 40.0 | 0.0 | p | 28.5 | 41.4 | 22.4 | 7.1 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 60.0 | 30.0 | 10.0 | 0.0 | q | 36.4 | 13.2 | 37.7 | 11.0 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#099 - St. James Regional High School, Channel-Port Aux Basques

Grades: 10-12

| Item | Key | School [N=35] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | P | 2.8 | 92.6 | 2.1 | 2.5 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 8.6 | 20.0 | 11.4 | 60.0 | P | 11.0 | 24.2 | 13.0 | 51.7 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 37.1 | 5.7 | 34.3 | 22.9 | Q | 32.5 | 6.1 | 42.2 | 19.1 | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 31.4 | 20.0 | 28.6 | 20.0 | Q | 29.2 | 18.5 | 28.3 | 23.9 | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.7 | 2.9 | 77.1 | 14.3 | Q | 9.2 | 3.1 | 77.3 | 10.4 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 8.6 | 11.4 | 42.9 | 37.1 | Q | 9.2 | 13.3 | 48.9 | 28.5 | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 74.3 | 5.7 | 8.6 | 11.4 | P | 68.4 | 6.3 | 8.1 | 17.3 | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.7 | 8.6 | 71.4 | 14.3 | Q | 5.8 | 5.6 | 77.1 | 11.5 | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 22.9 | 20.0 | 40.0 | 17.1 | Q | 16.6 | 41.9 | 24.6 | 16.3 | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 34.3 | 48.6 | 14.3 | 2.9 | Q | 24.4 | 67.1 | 5.6 | 2.8 | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 40.0 | 25.7 | 20.0 | 14.3 | Q | 31.0 | 21.9 | 38.4 | 8.7 | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 37.1 | 20.0 | 22.9 | 17.1 | Q | 46.0 | 21.6 | 21.8 | 10.1 | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 51.4 | 14.3 | 14.3 | 20.0 | Q | 64.7 | 14.3 | 10.7 | 9.9 | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.7 | 5.7 | 14.3 | 74.3 | Q | 4.5 | 7.4 | 9.1 | 79.1 | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 20.0 | 60.0 | 5.7 | 14.3 | P | 22.4 | 28.0 | 12.9 | 36.1 | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 42.9 | 20.0 | 2.9 | 34.3 | Q | 48.4 | 15.0 | 7.1 | 29.3 | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.4 | 2.9 | 14.3 | 11.4 | P | 60.5 | 10.5 | 10.9 | 17.3 | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 22.9 | 45.7 | 25.7 | 5.7 | Q | 23.4 | 57.0 | 14.3 | 5.3 | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 14.3 | 37.1 | 8.6 | 40.0 | Q | 5.4 | 14.2 | 8.6 | 71.8 | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 11.4 | 17.1 | 42.9 | 28.6 | P | 10.5 | 20.8 | 39.7 | 29.0 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 74.3 | 11.4 | 8.6 | 5.7 | Q | 86.3 | 6.6 | 4.8 | 2.3 | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 22.9 | 34.3 | 34.3 | 8.6 | Q | 14.5 | 45.3 | 27.0 | 13.2 | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 8.6 | 22.9 | 40.0 | 28.6 | Q | 12.2 | 14.7 | 44.3 | 28.8 | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 51.4 | 0.0 | 28.6 | 20.0 | P | 45.5 | 5.9 | 35.6 | 13.0 | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.7 | 11.4 | 17.1 | 5.7 | Q | 67.7 | 11.2 | 9.4 | 11.7 | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 71.4 | 8.6 | 17.1 | 0.0 | Q | 89.1 | 4.3 | 4.8 | 1.7 | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 31.4 | 48.6 | 8.6 | 11.4 | Q | 24.4 | 53.2 | 10.2 | 12.2 | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 60.0 | 37.1 | 2.9 | Q | 1.8 | 73.2 | 23.4 | 1.2 | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 2.9 | 2.9 | 0.0 | 94.3 | P | 4.1 | 4.1 | 3.0 | 88.8 | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 20.0 | 14.3 | 14.3 | 51.4 | Q | 10.7 | 17.1 | 9.9 | 62.1 | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 11.4 | 8.6 | 51.4 | 28.6 | P | 16.0 | 11.4 | 47.9 | 24.6 | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 42.9 | 22.9 | 22.9 | 11.4 | P | 40.5 | 27.8 | 17.0 | 14.2 | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.9 | 17.1 | 11.4 | 68.6 | Q | 5.3 | 11.9 | 7.4 | 75.0 | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 34.3 | 8.6 | 54.3 | 2.9 | Q | 25.5 | 7.9 | 61.9 | 4.5 | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 11.4 | 51.4 | 31.4 | 5.7 | Q | 6.8 | 63.1 | 23.9 | 5.8 | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 2.9 | 0.0 | 85.7 | 11.4 | P | 3.0 | 1.3 | 81.1 | 14.7 | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 48.6 | 5.7 | 11.4 | 34.3 | Q | 54.9 | 16.1 | 8.9 | 19.9 | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 51.4 | 22.9 | 11.4 | Q | 10.1 | 64.9 | 16.0 | 9.1 | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 5.7 | 14.3 | 5.7 | 74.3 | Q | 1.8 | 8.1 | 11.7 | 78.3 | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 65.7 | 5.7 | 22.9 | 5.7 | Q | 50.6 | 9.2 | 34.8 | 5.3 | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.1 | 11.4 | 17.1 | 11.4 | P | 54.7 | 25.2 | 13.3 | 6.6 | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 8.6 | 60.0 | 20.0 | 11.4 | Q | 14.3 | 61.8 | 15.2 | 8.6 | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 11.4 | 42.9 | 17.1 | 25.7 | Q | 25.2 | 31.8 | 14.8 | 27.4 | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 14.3 | 14.3 | 11.4 | P | 56.5 | 14.0 | 14.2 | 15.0 | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 34.3 | 34.3 | 22.9 | 8.6 | Q | 31.5 | 38.1 | 21.8 | 8.6 | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 2.9 | 94.3 | 0.0 | 2.9 | P | 8.1 | 80.4 | 6.4 | 4.9 | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 11.4 | 34.3 | 14.3 | 40.0 | Q | 4.3 | 33.4 | 10.2 | 51.9 | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 2.9 | 2.9 | 94.3 | 0.0 | P | 10.4 | 4.3 | 81.7 | 3.5 | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 48.6 | 22.9 | 17.1 | 11.4 | Q | 28.5 | 41.4 | 22.4 | 7.1 | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 31.4 | 8.6 | 37.1 | 17.1 | Q | 36.4 | 13.2 | 37.7 | 11.0 | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#102 - All Saints All-Grade, Grey River

Grades: K-2,4-8,10-12

| Item | Key | School [N=4] | | | | District [N=607] | | | | Province [N=3,499] | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D |
| 1. | B | | | | | P | | 2.8 | 92.6 | 2.1 | 2.5 | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 11.0 | 24.2 | 13.0 | 51.7 | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 32.5 | 6.1 | 42.2 | 19.1 | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 29.2 | 18.5 | 28.3 | 23.9 | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | P | | 9.2 | 3.1 | 77.3 | 10.4 | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.2 | 13.3 | 48.9 | 28.5 | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 68.4 | 6.3 | 8.1 | 17.3 | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | P | | 5.8 | 5.6 | 77.1 | 11.5 | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 16.6 | 41.9 | 24.6 | 16.3 | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | P | | 24.4 | 67.1 | 5.6 | 2.8 | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | Q | | 31.0 | 21.9 | 38.4 | 8.7 | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 46.0 | 21.6 | 21.8 | 10.1 | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 64.7 | 14.3 | 10.7 | 9.9 | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 4.5 | 7.4 | 9.1 | 79.1 | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 22.4 | 28.0 | 12.9 | 36.1 | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | Q | | 48.4 | 15.0 | 7.1 | 29.3 | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | P | | 60.5 | 10.5 | 10.9 | 17.3 | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 23.4 | 57.0 | 14.3 | 5.3 | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 5.4 | 14.2 | 8.6 | 71.8 | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 10.5 | 20.8 | 39.7 | 29.0 | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 86.3 | 6.6 | 4.8 | 2.3 | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 14.5 | 45.3 | 27.0 | 13.2 | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 12.2 | 14.7 | 44.3 | 28.8 | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | P | | 45.5 | 5.9 | 35.6 | 13.0 | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | P | | 67.7 | 11.2 | 9.4 | 11.7 | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 89.1 | 4.3 | 4.8 | 1.7 | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | P | | 24.4 | 53.2 | 10.2 | 12.2 | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | P | | 1.8 | 73.2 | 23.4 | 1.2 | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 4.1 | 4.1 | 3.0 | 88.8 | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 10.7 | 17.1 | 9.9 | 62.1 | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | Q | | 16.0 | 11.4 | 47.9 | 24.6 | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | P | | 40.5 | 27.8 | 17.0 | 14.2 | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | P | | 5.3 | 11.9 | 7.4 | 75.0 | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 25.5 | 7.9 | 61.9 | 4.5 | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | Q | | 6.8 | 63.1 | 23.9 | 5.8 | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | Q | | 3.0 | 1.3 | 81.1 | 14.7 | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | Q | | 54.9 | 16.1 | 8.9 | 19.9 | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 10.1 | 64.9 | 16.0 | 9.1 | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.8 | 8.1 | 11.7 | 78.3 | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | P | | 50.6 | 9.2 | 34.8 | 5.3 | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | P | | 54.7 | 25.2 | 13.3 | 6.6 | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 14.3 | 61.8 | 15.2 | 8.6 | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | P | | 25.2 | 31.8 | 14.8 | 27.4 | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | Q | | 56.5 | 14.0 | 14.2 | 15.0 | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 31.5 | 38.1 | 21.8 | 8.6 | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | Q | | 8.1 | 80.4 | 6.4 | 4.9 | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 4.3 | 33.4 | 10.2 | 51.9 | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | P | | 10.4 | 4.3 | 81.7 | 3.5 | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | Q | | 28.5 | 41.4 | 22.4 | 7.1 | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | P | | 36.4 | 13.2 | 37.7 | 11.0 | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#110 - Piccadilly Central High, Piccadilly

Grades: 9-12

| Item | Key | School [N=17] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|---|------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D | | |
| 1. | B | 0.0 | 94.1 | 5.9 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 35.3 | 5.9 | 5.9 | 52.9 | | P | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 41.2 | 17.7 | 17.7 | 23.5 | | Q | 32.5 | 6.1 | 42.2 | 19.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 35.3 | 17.7 | 23.5 | 23.5 | | Q | 29.2 | 18.5 | 28.3 | 23.9 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 23.5 | 0.0 | 64.7 | 11.8 | | Q | 9.2 | 3.1 | 77.3 | 10.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 11.8 | 47.1 | 41.2 | | Q | 9.2 | 13.3 | 48.9 | 28.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.7 | 5.9 | 17.7 | 11.8 | | Q | 68.4 | 6.3 | 8.1 | 17.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 70.6 | 29.4 | | Q | 5.8 | 5.6 | 77.1 | 11.5 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 23.5 | 41.2 | 35.3 | 0.0 | | Q | 16.6 | 41.9 | 24.6 | 16.3 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 35.3 | 58.8 | 5.9 | 0.0 | | Q | 24.4 | 67.1 | 5.6 | 2.8 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 17.7 | 23.5 | 41.2 | 17.7 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 52.9 | 11.8 | 29.4 | 5.9 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 58.8 | 11.8 | 11.8 | 17.7 | | Q | 64.7 | 14.3 | 10.7 | 9.9 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 17.7 | 17.7 | 64.7 | | Q | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 17.7 | 29.4 | 11.8 | 41.2 | | P | 22.4 | 28.0 | 12.9 | 36.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 17.7 | 11.8 | 17.7 | 52.9 | | Q | 48.4 | 15.0 | 7.1 | 29.3 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 35.3 | 0.0 | 23.5 | 41.2 | | Q | 60.5 | 10.5 | 10.9 | 17.3 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 41.2 | 35.3 | 11.8 | 11.8 | | Q | 23.4 | 57.0 | 14.3 | 5.3 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 5.9 | 0.0 | 94.1 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 17.7 | 35.3 | 47.1 | | Q | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 82.4 | 0.0 | 11.8 | 5.9 | | Q | 86.3 | 6.6 | 4.8 | 2.3 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 5.9 | 47.1 | 35.3 | 11.8 | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.8 | 5.9 | 35.3 | 47.1 | | Q | 12.2 | 14.7 | 44.3 | 28.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 35.3 | 0.0 | 52.9 | 11.8 | | Q | 45.5 | 5.9 | 35.6 | 13.0 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 58.8 | 11.8 | 29.4 | 0.0 | | Q | 67.7 | 11.2 | 9.4 | 11.7 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.2 | 5.9 | 5.9 | 0.0 | | Q | 89.1 | 4.3 | 4.8 | 1.7 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 23.5 | 47.1 | 17.7 | 11.8 | | Q | 24.4 | 53.2 | 10.2 | 12.2 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 82.4 | 11.8 | 5.9 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.9 | 5.9 | 0.0 | 88.2 | | Q | 4.1 | 4.1 | 3.0 | 88.8 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 11.8 | 17.7 | 5.9 | 64.7 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 17.7 | 11.8 | 29.4 | 41.2 | | Q | 16.0 | 11.4 | 47.9 | 24.6 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 35.3 | 41.2 | 5.9 | 17.7 | | Q | 40.5 | 27.8 | 17.0 | 14.2 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 5.9 | 17.7 | 23.5 | 52.9 | | Q | 5.3 | 11.9 | 7.4 | 75.0 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 29.4 | 11.8 | 58.8 | 0.0 | | Q | 25.5 | 7.9 | 61.9 | 4.5 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 5.9 | 52.9 | 29.4 | 11.8 | | Q | 6.8 | 63.1 | 23.9 | 5.8 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 70.6 | 29.4 | | Q | 3.0 | 1.3 | 81.1 | 14.7 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 47.1 | 29.4 | 17.7 | 5.9 | | Q | 54.9 | 16.1 | 8.9 | 19.9 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 11.8 | 76.5 | 11.8 | 0.0 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 5.9 | 29.4 | 64.7 | | Q | 1.8 | 8.1 | 11.7 | 78.3 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 52.9 | 5.9 | 35.3 | 5.9 | | P | 50.6 | 9.2 | 34.8 | 5.3 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 70.6 | 5.9 | 11.8 | 11.8 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 5.9 | 52.9 | 17.7 | 23.5 | | Q | 14.3 | 61.8 | 15.2 | 8.6 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 41.2 | 11.8 | 23.5 | 23.5 | | P | 25.2 | 31.8 | 14.8 | 27.4 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 58.8 | 11.8 | 5.9 | 23.5 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 47.1 | 5.9 | 41.2 | 5.9 | | Q | 31.5 | 38.1 | 21.8 | 8.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.9 | 70.6 | 23.5 | 0.0 | | Q | 8.1 | 80.4 | 6.4 | 4.9 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 47.1 | 11.8 | 41.2 | | Q | 4.3 | 33.4 | 10.2 | 51.9 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 11.8 | 11.8 | 76.5 | 0.0 | | Q | 10.4 | 4.3 | 81.7 | 3.5 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 29.4 | 58.8 | 11.8 | 0.0 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 29.4 | 11.8 | 41.2 | 17.7 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#116 - Appalachia High School, St. George's

Grades: 9-12

| Item | Key | School [N=14] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 14.3 | 85.7 | 0.0 | 0.0 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.1 | 14.3 | 14.3 | 64.3 | | p | 11.0 | 24.2 | 13.0 | 51.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 28.6 | 7.1 | 50.0 | 14.3 | | p | 32.5 | 6.1 | 42.2 | 19.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 42.9 | 21.4 | 21.4 | 14.3 | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 7.1 | 0.0 | 64.3 | 28.6 | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.1 | 14.3 | 28.6 | 50.0 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 7.1 | 14.3 | 28.6 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 78.6 | 21.4 | | p | 5.8 | 5.6 | 77.1 | 11.5 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 28.6 | 50.0 | 0.0 | 14.3 | | p | 16.6 | 41.9 | 24.6 | 16.3 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 14.3 | 78.6 | 7.1 | 0.0 | | p | 24.4 | 67.1 | 5.6 | 2.8 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 14.3 | 21.4 | 57.1 | 7.1 | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 35.7 | 21.4 | 28.6 | 14.3 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 57.1 | 21.4 | 14.3 | 7.1 | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 7.1 | 92.9 | | p | 4.5 | 7.4 | 9.1 | 79.1 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 35.7 | 35.7 | 7.1 | 21.4 | | p | 22.4 | 28.0 | 12.9 | 36.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 50.0 | 28.6 | 7.1 | 14.3 | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 7.1 | 14.3 | 28.6 | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 21.4 | 64.3 | 14.3 | 0.0 | | p | 23.4 | 57.0 | 14.3 | 5.3 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 7.1 | 14.3 | 78.6 | | p | 5.4 | 14.2 | 8.6 | 71.8 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 28.6 | 28.6 | 42.9 | q | | 10.5 | 20.8 | 39.7 | 29.0 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 71.4 | 21.4 | 7.1 | 0.0 | q | | 86.3 | 6.6 | 4.8 | 2.3 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 14.3 | 35.7 | 28.6 | 21.4 | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 14.3 | 14.3 | 64.3 | 7.1 | | p | 12.2 | 14.7 | 44.3 | 28.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 42.9 | 14.3 | 42.9 | 0.0 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 28.6 | 42.9 | 7.1 | 21.4 | q | | 67.7 | 11.2 | 9.4 | 11.7 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 78.6 | 14.3 | 0.0 | 7.1 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 42.9 | 42.9 | 14.3 | 0.0 | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 85.7 | 14.3 | 0.0 | | p | 1.8 | 73.2 | 23.4 | 1.2 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 4.1 | 4.1 | 3.0 | 88.8 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 14.3 | 7.1 | 78.6 | | p | 10.7 | 17.1 | 9.9 | 62.1 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.3 | 14.3 | 64.3 | 7.1 | | p | 16.0 | 11.4 | 47.9 | 24.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 42.9 | 14.3 | 14.3 | 28.6 | | p | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 14.3 | 0.0 | 7.1 | 78.6 | | p | 5.3 | 11.9 | 7.4 | 75.0 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 21.4 | 0.0 | 71.4 | 7.1 | | p | 25.5 | 7.9 | 61.9 | 4.5 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.1 | 64.3 | 14.3 | 14.3 | | p | 6.8 | 63.1 | 23.9 | 5.8 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 7.1 | 0.0 | 92.9 | 0.0 | | p | 3.0 | 1.3 | 81.1 | 14.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 28.6 | 0.0 | 21.4 | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.1 | 50.0 | 21.4 | 21.4 | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 14.3 | 85.7 | | p | 1.8 | 8.1 | 11.7 | 78.3 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 42.9 | 7.1 | 42.9 | 7.1 | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 28.6 | 14.3 | 7.1 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 21.4 | 64.3 | 7.1 | 7.1 | | p | 14.3 | 61.8 | 15.2 | 8.6 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 42.9 | 14.3 | 7.1 | 35.7 | | p | 25.2 | 31.8 | 14.8 | 27.4 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 71.4 | 7.1 | 14.3 | 7.1 | | p | 56.5 | 14.0 | 14.2 | 15.0 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 7.1 | 85.7 | 0.0 | 7.1 | | p | 31.5 | 38.1 | 21.8 | 8.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 8.1 | 80.4 | 6.4 | 4.9 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 42.9 | 0.0 | 57.1 | | p | 4.3 | 33.4 | 10.2 | 51.9 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.1 | 14.3 | 64.3 | 14.3 | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 35.7 | 50.0 | 7.1 | 7.1 | q | | 28.5 | 41.4 | 22.4 | 7.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 57.1 | 0.0 | 35.7 | 0.0 | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#119 - Stephenville High, Stephenville

Grades: 9-12

| Item | Key | School [N=62] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 1.6 | 96.8 | 0.0 | 1.6 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 6.5 | 14.5 | 8.1 | 71.0 | | P | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 24.2 | 8.1 | 50.0 | 17.7 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 22.6 | 3.2 | 41.9 | 32.3 | | P | 29.2 | 18.5 | 28.3 | 23.9 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 14.5 | 3.2 | 69.4 | 12.9 | | Q | 9.2 | 3.1 | 77.3 | 10.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 6.5 | 9.7 | 51.6 | 32.3 | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 80.7 | 1.6 | 3.2 | 14.5 | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.8 | 12.9 | 71.0 | 11.3 | | Q | 5.8 | 5.6 | 77.1 | 11.5 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 24.2 | 27.4 | 37.1 | 11.3 | | Q | 16.6 | 41.9 | 24.6 | 16.3 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 12.9 | 82.3 | 1.6 | 3.2 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 35.5 | 19.4 | 40.3 | 4.8 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 51.6 | 21.0 | 16.1 | 11.3 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.7 | 22.6 | 8.1 | 9.7 | | Q | 64.7 | 14.3 | 10.7 | 9.9 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 6.5 | 4.8 | 12.9 | 75.8 | | Q | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 17.7 | 24.2 | 17.7 | 38.7 | | Q | 22.4 | 28.0 | 12.9 | 36.1 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 58.1 | 3.2 | 4.8 | 33.9 | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 61.3 | 12.9 | 8.1 | 16.1 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.8 | 66.1 | 4.8 | 3.2 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 3.2 | 9.7 | 8.1 | 79.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 22.6 | 14.5 | 40.3 | 22.6 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 85.5 | 8.1 | 4.8 | 1.6 | | Q | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 4.8 | 62.9 | 19.4 | 12.9 | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.7 | 17.7 | 53.2 | 19.4 | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 66.1 | 8.1 | 16.1 | 9.7 | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 88.7 | 4.8 | 1.6 | 4.8 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 96.8 | 1.6 | 1.6 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 22.6 | 51.6 | 14.5 | 11.3 | | Q | 24.4 | 53.2 | 10.2 | 12.2 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 77.4 | 22.6 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 3.2 | 4.8 | 3.2 | 88.7 | | Q | 4.1 | 4.1 | 3.0 | 88.8 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 8.1 | 16.1 | 4.8 | 69.4 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 11.3 | 8.1 | 61.3 | 19.4 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 46.8 | 21.0 | 16.1 | 12.9 | | P | 40.5 | 27.8 | 17.0 | 14.2 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.2 | 11.3 | 6.5 | 77.4 | | P | 5.3 | 11.9 | 7.4 | 75.0 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 4.8 | 14.5 | 74.2 | 6.5 | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 8.1 | 58.1 | 30.7 | 3.2 | | Q | 6.8 | 63.1 | 23.9 | 5.8 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.2 | 1.6 | 85.5 | 9.7 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 53.2 | 8.1 | 21.0 | 17.7 | | Q | 54.9 | 16.1 | 8.9 | 19.9 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 12.9 | 74.2 | 8.1 | 4.8 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 1.6 | 11.3 | 87.1 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 40.3 | 1.6 | 58.1 | 0.0 | | P | 50.6 | 9.2 | 34.8 | 5.3 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 66.1 | 17.7 | 8.1 | 8.1 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.9 | 56.5 | 16.1 | 14.5 | | Q | 14.3 | 61.8 | 15.2 | 8.6 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 37.1 | 25.8 | 12.9 | 24.2 | | P | 25.2 | 31.8 | 14.8 | 27.4 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 69.4 | 12.9 | 9.7 | 8.1 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 32.3 | 33.9 | 30.7 | 1.6 | | Q | 31.5 | 38.1 | 21.8 | 8.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 6.5 | 83.9 | 6.5 | 3.2 | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 1.6 | 25.8 | 6.5 | 66.1 | | P | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 12.9 | 6.5 | 79.0 | 1.6 | | Q | 10.4 | 4.3 | 81.7 | 3.5 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 33.9 | 30.7 | 29.0 | 4.8 | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 35.5 | 16.1 | 30.7 | 14.5 | | Q | 36.4 | 13.2 | 37.7 | 11.0 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#137 - St. Simon and St. Jude Academy, Francois

Grades: K-3,5-12

| Item | Key | School [N=2] | | | | District [N=607] | | | | School Below Above Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------------|------|----------------|---|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D | |
| 1. | B | | | | | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | P | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | q | 16.6 | 41.9 | 24.6 | 16.3 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | q | 24.4 | 67.1 | 5.6 | 2.8 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | q | 31.0 | 21.9 | 38.4 | 8.7 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | q | 64.7 | 14.3 | 10.7 | 9.9 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | P | 4.5 | 7.4 | 9.1 | 79.1 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | P | 22.4 | 28.0 | 12.9 | 36.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | q | 5.4 | 14.2 | 8.6 | 71.8 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | q | 89.1 | 4.3 | 4.8 | 1.7 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | q | 25.5 | 7.9 | 61.9 | 4.5 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | q | 56.5 | 14.0 | 14.2 | 15.0 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 4.3 | 33.4 | 10.2 | 51.9 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#387 - Bayview Regional Collegiate, St. Lunaire

Grades: 7-12

| Item | Key | School [N=10] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 90.0 | 10.0 | 0.0 | q | 2.8 | 92.6 | 2.1 | 2.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 20.0 | 50.0 | 20.0 | 10.0 | q | 11.0 | 24.2 | 13.0 | 51.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 60.0 | 0.0 | 20.0 | 20.0 | q | 32.5 | 6.1 | 42.2 | 19.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 40.0 | 10.0 | 30.0 | 20.0 | q | 29.2 | 18.5 | 28.3 | 23.9 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.0 | 0.0 | 80.0 | 10.0 | p | 9.2 | 3.1 | 77.3 | 10.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 20.0 | 10.0 | 20.0 | 50.0 | q | 9.2 | 13.3 | 48.9 | 28.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 30.0 | 10.0 | 10.0 | q | 68.4 | 6.3 | 8.1 | 17.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 10.0 | 0.0 | 80.0 | 10.0 | p | 5.8 | 5.6 | 77.1 | 11.5 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 10.0 | 70.0 | 10.0 | 10.0 | p | 16.6 | 41.9 | 24.6 | 16.3 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 50.0 | 40.0 | 0.0 | 10.0 | q | 24.4 | 67.1 | 5.6 | 2.8 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.0 | 20.0 | 40.0 | 20.0 | p | 31.0 | 21.9 | 38.4 | 8.7 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 40.0 | 0.0 | 0.0 | p | 46.0 | 21.6 | 21.8 | 10.1 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 60.0 | 20.0 | 10.0 | 10.0 | q | 64.7 | 14.3 | 10.7 | 9.9 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 10.0 | 0.0 | 10.0 | 80.0 | p | 4.5 | 7.4 | 9.1 | 79.1 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 10.0 | 50.0 | 0.0 | 40.0 | p | 22.4 | 28.0 | 12.9 | 36.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 40.0 | 30.0 | 10.0 | 20.0 | q | 48.4 | 15.0 | 7.1 | 29.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 80.0 | 10.0 | 0.0 | 10.0 | p | 60.5 | 10.5 | 10.9 | 17.3 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 20.0 | 70.0 | 10.0 | 0.0 | p | 23.4 | 57.0 | 14.3 | 5.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 30.0 | 10.0 | 60.0 | q | 5.4 | 14.2 | 8.6 | 71.8 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.0 | 40.0 | 50.0 | 0.0 | p | 10.5 | 20.8 | 39.7 | 29.0 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 50.0 | 20.0 | 10.0 | 20.0 | q | 86.3 | 6.6 | 4.8 | 2.3 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 50.0 | 10.0 | 10.0 | 30.0 | q | 14.5 | 45.3 | 27.0 | 13.2 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 20.0 | 20.0 | 30.0 | 30.0 | q | 12.2 | 14.7 | 44.3 | 28.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 20.0 | 10.0 | 40.0 | 30.0 | q | 45.5 | 5.9 | 35.6 | 13.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 30.0 | 10.0 | 20.0 | 40.0 | q | 67.7 | 11.2 | 9.4 | 11.7 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.0 | 0.0 | 10.0 | 0.0 | p | 89.1 | 4.3 | 4.8 | 1.7 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 40.0 | 40.0 | 0.0 | 20.0 | q | 24.4 | 53.2 | 10.2 | 12.2 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 1.8 | 73.2 | 23.4 | 1.2 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 4.1 | 3.0 | 88.8 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.0 | 40.0 | 10.0 | 40.0 | q | 10.7 | 17.1 | 9.9 | 62.1 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 20.0 | 20.0 | 10.0 | 50.0 | q | 16.0 | 11.4 | 47.9 | 24.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 20.0 | 30.0 | 0.0 | 50.0 | q | 40.5 | 27.8 | 17.0 | 14.2 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 10.0 | 0.0 | 20.0 | 70.0 | q | 5.3 | 11.9 | 7.4 | 75.0 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 30.0 | 10.0 | 50.0 | 10.0 | q | 25.5 | 7.9 | 61.9 | 4.5 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 60.0 | 30.0 | 10.0 | q | 6.8 | 63.1 | 23.9 | 5.8 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 10.0 | 80.0 | 10.0 | q | 3.0 | 1.3 | 81.1 | 14.7 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 20.0 | 10.0 | 20.0 | q | 54.9 | 16.1 | 8.9 | 19.9 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 70.0 | 20.0 | 10.0 | p | 10.1 | 64.9 | 16.0 | 9.1 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 20.0 | 80.0 | p | 1.8 | 8.1 | 11.7 | 78.3 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.0 | 10.0 | 20.0 | 0.0 | q | 50.6 | 9.2 | 34.8 | 5.3 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 40.0 | 30.0 | 10.0 | 20.0 | q | 54.7 | 25.2 | 13.3 | 6.6 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 20.0 | 50.0 | 10.0 | 20.0 | q | 14.3 | 61.8 | 15.2 | 8.6 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 50.0 | 40.0 | 10.0 | 0.0 | p | 25.2 | 31.8 | 14.8 | 27.4 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 20.0 | 20.0 | 10.0 | q | 56.5 | 14.0 | 14.2 | 15.0 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 10.0 | 30.0 | 20.0 | 40.0 | q | 31.5 | 38.1 | 21.8 | 8.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 70.0 | 20.0 | 10.0 | q | 8.1 | 80.4 | 6.4 | 4.9 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 30.0 | 10.0 | 60.0 | p | 4.3 | 33.4 | 10.2 | 51.9 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 20.0 | 0.0 | 80.0 | 0.0 | q | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 40.0 | 40.0 | 20.0 | 0.0 | q | 28.5 | 41.4 | 22.4 | 7.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 10.0 | 30.0 | 60.0 | 0.0 | p | 36.4 | 13.2 | 37.7 | 11.0 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#388 - Cow Head School Complex, Cow Head

Grades: K-12

| Item | Key | School [N=9] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.1 | 22.2 | 0.0 | 66.7 | | P | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 11.1 | 33.3 | 44.4 | 11.1 | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 0.0 | 0.0 | 88.9 | 11.1 | | Q | 29.2 | 18.5 | 28.3 | 23.9 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 11.1 | 77.8 | 11.1 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 66.7 | 33.3 | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 66.7 | 22.2 | 0.0 | 11.1 | | Q | 68.4 | 6.3 | 8.1 | 17.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 22.2 | 22.2 | 22.2 | 33.3 | | Q | 16.6 | 41.9 | 24.6 | 16.3 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 11.1 | 88.9 | 0.0 | 0.0 | | P | 24.4 | 67.1 | 5.6 | 2.8 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 0.0 | 44.4 | 22.2 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 11.1 | 33.3 | 44.4 | 11.1 | | Q | 46.0 | 21.6 | 21.8 | 10.1 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 55.6 | 33.3 | 11.1 | 0.0 | | Q | 64.7 | 14.3 | 10.7 | 9.9 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 11.1 | 11.1 | 77.8 | | Q | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 44.4 | 0.0 | 11.1 | 44.4 | | Q | 22.4 | 28.0 | 12.9 | 36.1 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 22.2 | 11.1 | 0.0 | 66.7 | | Q | 48.4 | 15.0 | 7.1 | 29.3 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 66.7 | 0.0 | 0.0 | 33.3 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 0.0 | 88.9 | 0.0 | 11.1 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 0.0 | 66.7 | 33.3 | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 88.9 | 0.0 | 11.1 | 0.0 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 22.2 | 44.4 | 22.2 | 11.1 | | Q | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.1 | 11.1 | 22.2 | 55.6 | | Q | 12.2 | 14.7 | 44.3 | 28.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 77.8 | 11.1 | 0.0 | 11.1 | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 77.8 | 11.1 | 0.0 | 11.1 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 11.1 | 77.8 | 11.1 | 0.0 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 55.6 | 44.4 | 0.0 | | Q | 1.8 | 73.2 | 23.4 | 1.2 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 11.1 | 11.1 | 77.8 | | P | 10.7 | 17.1 | 9.9 | 62.1 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 22.2 | 11.1 | 55.6 | 11.1 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 11.1 | 22.2 | 22.2 | 44.4 | | Q | 40.5 | 27.8 | 17.0 | 14.2 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 22.2 | 22.2 | 55.6 | | Q | 5.3 | 11.9 | 7.4 | 75.0 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 44.4 | 11.1 | 44.4 | 0.0 | | Q | 25.5 | 7.9 | 61.9 | 4.5 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 11.1 | 66.7 | 22.2 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 44.4 | 0.0 | 0.0 | 55.6 | | Q | 54.9 | 16.1 | 8.9 | 19.9 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 66.7 | 22.2 | 11.1 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 11.1 | 88.9 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 77.8 | 0.0 | 22.2 | 0.0 | | Q | 50.6 | 9.2 | 34.8 | 5.3 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 55.6 | 33.3 | 11.1 | 0.0 | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 11.1 | 77.8 | 0.0 | 11.1 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 11.1 | 55.6 | 0.0 | 33.3 | | Q | 25.2 | 31.8 | 14.8 | 27.4 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 33.3 | 11.1 | 22.2 | 33.3 | | Q | 56.5 | 14.0 | 14.2 | 15.0 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 11.1 | 11.1 | 33.3 | 44.4 | | Q | 31.5 | 38.1 | 21.8 | 8.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 11.1 | 77.8 | 0.0 | 11.1 | | Q | 8.1 | 80.4 | 6.4 | 4.9 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 11.1 | 55.6 | 0.0 | 33.3 | | Q | 4.3 | 33.4 | 10.2 | 51.9 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 0.0 | 66.7 | 22.2 | 11.1 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 11.1 | 11.1 | 55.6 | 22.2 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#390 - Elwood High School, Deer Lake

Grades: 10-12

| Item | Key | School [N=44] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 6.8 | 79.6 | 4.6 | 9.1 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.4 | 29.6 | 11.4 | 47.7 | q | | 11.0 | 24.2 | 13.0 | 51.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 38.6 | 2.3 | 29.6 | 29.6 | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 15.9 | 36.4 | 20.5 | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.8 | 18.2 | 63.6 | 11.4 | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 18.2 | 13.6 | 43.2 | 25.0 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 68.2 | 6.8 | 2.3 | 22.7 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 13.6 | 11.4 | 54.6 | 20.5 | q | | 5.8 | 5.6 | 77.1 | 11.5 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.2 | 40.9 | 34.1 | 6.8 | q | | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 6.8 | 84.1 | 4.6 | 4.6 | | p | 24.4 | 67.1 | 5.6 | 2.8 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 29.6 | 15.9 | 50.0 | 4.6 | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 34.1 | 22.7 | 20.5 | 20.5 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 70.5 | 4.6 | 11.4 | 13.6 | | p | 64.7 | 14.3 | 10.7 | 9.9 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 13.6 | 13.6 | 4.6 | 68.2 | q | | 4.5 | 7.4 | 9.1 | 79.1 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 29.6 | 40.9 | 15.9 | 13.6 | | p | 22.4 | 28.0 | 12.9 | 36.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 52.3 | 11.4 | 9.1 | 27.3 | | p | 48.4 | 15.0 | 7.1 | 29.3 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 59.1 | 4.6 | 18.2 | 18.2 | q | | 60.5 | 10.5 | 10.9 | 17.3 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.3 | 54.6 | 11.4 | 6.8 | q | | 23.4 | 57.0 | 14.3 | 5.3 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 2.3 | 11.4 | 4.6 | 81.8 | | p | 5.4 | 14.2 | 8.6 | 71.8 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 13.6 | 22.7 | 36.4 | 27.3 | q | | 10.5 | 20.8 | 39.7 | 29.0 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 86.4 | 9.1 | 4.6 | 0.0 | | p | 86.3 | 6.6 | 4.8 | 2.3 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 11.4 | 61.4 | 20.5 | 6.8 | | p | 14.5 | 45.3 | 27.0 | 13.2 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 36.4 | 18.2 | 20.5 | 25.0 | q | | 12.2 | 14.7 | 44.3 | 28.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 29.6 | 4.6 | 43.2 | 22.7 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 59.1 | 18.2 | 9.1 | 13.6 | q | | 67.7 | 11.2 | 9.4 | 11.7 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 81.8 | 6.8 | 4.6 | 6.8 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 11.4 | 45.5 | 22.7 | 20.5 | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 4.6 | 65.9 | 27.3 | 0.0 | q | | 1.8 | 73.2 | 23.4 | 1.2 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.6 | 11.4 | 6.8 | 77.3 | q | | 4.1 | 4.1 | 3.0 | 88.8 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 13.6 | 13.6 | 13.6 | 59.1 | q | | 10.7 | 17.1 | 9.9 | 62.1 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 11.4 | 22.7 | 52.3 | 13.6 | | p | 16.0 | 11.4 | 47.9 | 24.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 36.4 | 31.8 | 13.6 | 18.2 | q | | 40.5 | 27.8 | 17.0 | 14.2 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.6 | 15.9 | 4.6 | 72.7 | q | | 5.3 | 11.9 | 7.4 | 75.0 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 36.4 | 13.6 | 47.7 | 2.3 | q | | 25.5 | 7.9 | 61.9 | 4.5 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 11.4 | 70.5 | 11.4 | 4.6 | | p | 6.8 | 63.1 | 23.9 | 5.8 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 9.1 | 50.0 | 40.9 | q | | 3.0 | 1.3 | 81.1 | 14.7 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 38.6 | 20.5 | 11.4 | 29.6 | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 13.6 | 45.5 | 22.7 | 18.2 | q | | 10.1 | 64.9 | 16.0 | 9.1 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 4.6 | 18.2 | 20.5 | 56.8 | q | | 1.8 | 8.1 | 11.7 | 78.3 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 36.4 | 18.2 | 40.9 | 4.6 | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 34.1 | 43.2 | 11.4 | 11.4 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 22.7 | 45.5 | 15.9 | 15.9 | q | | 14.3 | 61.8 | 15.2 | 8.6 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 11.4 | 34.1 | 11.4 | 43.2 | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 34.1 | 13.6 | 40.9 | 11.4 | q | | 56.5 | 14.0 | 14.2 | 15.0 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 40.9 | 15.9 | 34.1 | 9.1 | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 18.2 | 63.6 | 11.4 | 4.6 | q | | 8.1 | 80.4 | 6.4 | 4.9 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.6 | 34.1 | 11.4 | 50.0 | q | | 4.3 | 33.4 | 10.2 | 51.9 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 6.8 | 11.4 | 70.5 | 11.4 | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 36.4 | 36.4 | 22.7 | 4.6 | | p | 28.5 | 41.4 | 22.4 | 7.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 34.1 | 25.0 | 31.8 | 9.1 | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#393 - Bonne Bay Academy, Woody Point

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=607] | | | | School Below Above Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------------|------|----------------|---|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D | |
| 1. | B | | | | | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 32.5 | 6.1 | 42.2 | 19.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | q | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | q | 5.8 | 5.6 | 77.1 | 11.5 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | q | 24.4 | 67.1 | 5.6 | 2.8 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | q | 64.7 | 14.3 | 10.7 | 9.9 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | q | 4.5 | 7.4 | 9.1 | 79.1 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 48.4 | 15.0 | 7.1 | 29.3 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | q | 23.4 | 57.0 | 14.3 | 5.3 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | q | 5.4 | 14.2 | 8.6 | 71.8 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | P | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | q | 86.3 | 6.6 | 4.8 | 2.3 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | q | 14.5 | 45.3 | 27.0 | 13.2 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | q | 67.7 | 11.2 | 9.4 | 11.7 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | q | 89.1 | 4.3 | 4.8 | 1.7 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | q | 4.1 | 4.1 | 3.0 | 88.8 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | q | 10.7 | 17.1 | 9.9 | 62.1 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | q | 6.8 | 63.1 | 23.9 | 5.8 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | q | 3.0 | 1.3 | 81.1 | 14.7 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | q | 54.9 | 16.1 | 8.9 | 19.9 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | q | 1.8 | 8.1 | 11.7 | 78.3 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | P | 54.7 | 25.2 | 13.3 | 6.6 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | P | 25.2 | 31.8 | 14.8 | 27.4 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | q | 56.5 | 14.0 | 14.2 | 15.0 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 8.1 | 80.4 | 6.4 | 4.9 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 4.3 | 33.4 | 10.2 | 51.9 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | q | 36.4 | 13.2 | 37.7 | 11.0 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#394 - E.A. Butler, McKay's

Grades: 7-12

| Item | Key | School [N=16] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 37.5 | 31.3 | 6.3 | 25.0 | | q | 11.0 | 24.2 | 13.0 | 51.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 62.5 | 0.0 | 37.5 | 0.0 | | q | 32.5 | 6.1 | 42.2 | 19.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 43.8 | 12.5 | 25.0 | 18.8 | | q | 29.2 | 18.5 | 28.3 | 23.9 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.3 | 0.0 | 87.5 | 6.3 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 12.5 | 12.5 | 37.5 | 37.5 | | q | 9.2 | 13.3 | 48.9 | 28.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 37.5 | 6.3 | 18.8 | 37.5 | | q | 68.4 | 6.3 | 8.1 | 17.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 37.5 | 12.5 | 25.0 | 25.0 | | q | 5.8 | 5.6 | 77.1 | 11.5 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.8 | 25.0 | 43.8 | 12.5 | | q | 16.6 | 41.9 | 24.6 | 16.3 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.8 | 62.5 | 6.3 | 12.5 | | q | 24.4 | 67.1 | 5.6 | 2.8 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 37.5 | 31.3 | 6.3 | 25.0 | | q | 31.0 | 21.9 | 38.4 | 8.7 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 43.8 | 25.0 | 31.3 | 0.0 | | q | 46.0 | 21.6 | 21.8 | 10.1 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 43.8 | 18.8 | 25.0 | 12.5 | | q | 64.7 | 14.3 | 10.7 | 9.9 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 6.3 | 12.5 | 81.3 | | P | 4.5 | 7.4 | 9.1 | 79.1 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 0.0 | 25.0 | 6.3 | 68.8 | | q | 22.4 | 28.0 | 12.9 | 36.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 31.3 | 50.0 | 6.3 | 12.5 | | q | 48.4 | 15.0 | 7.1 | 29.3 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 43.8 | 6.3 | 12.5 | 37.5 | | q | 60.5 | 10.5 | 10.9 | 17.3 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 31.3 | 25.0 | 37.5 | 6.3 | | q | 23.4 | 57.0 | 14.3 | 5.3 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 12.5 | 25.0 | 18.8 | 43.8 | | q | 5.4 | 14.2 | 8.6 | 71.8 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.8 | 18.8 | 37.5 | 25.0 | | q | 10.5 | 20.8 | 39.7 | 29.0 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 75.0 | 12.5 | 6.3 | 6.3 | | q | 86.3 | 6.6 | 4.8 | 2.3 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 18.8 | 37.5 | 18.8 | 25.0 | | q | 14.5 | 45.3 | 27.0 | 13.2 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.5 | 18.8 | 18.8 | 50.0 | | q | 12.2 | 14.7 | 44.3 | 28.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 18.8 | 12.5 | 62.5 | 6.3 | | q | 45.5 | 5.9 | 35.6 | 13.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 62.5 | 12.5 | 12.5 | 12.5 | | q | 67.7 | 11.2 | 9.4 | 11.7 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.8 | 0.0 | 6.3 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 31.3 | 37.5 | 6.3 | 25.0 | | q | 24.4 | 53.2 | 10.2 | 12.2 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 6.3 | 25.0 | 56.3 | 12.5 | | q | 1.8 | 73.2 | 23.4 | 1.2 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 18.8 | 12.5 | 0.0 | 68.8 | | q | 4.1 | 4.1 | 3.0 | 88.8 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 18.8 | 18.8 | 18.8 | 43.8 | | q | 10.7 | 17.1 | 9.9 | 62.1 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 18.8 | 0.0 | 81.3 | 0.0 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 0.0 | 50.0 | 18.8 | 31.3 | | q | 40.5 | 27.8 | 17.0 | 14.2 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 6.3 | 25.0 | 12.5 | 56.3 | | q | 5.3 | 11.9 | 7.4 | 75.0 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 12.5 | 56.3 | 6.3 | | q | 25.5 | 7.9 | 61.9 | 4.5 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 18.8 | 37.5 | 37.5 | 6.3 | | q | 6.8 | 63.1 | 23.9 | 5.8 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 12.5 | 0.0 | 43.8 | 43.8 | | q | 3.0 | 1.3 | 81.1 | 14.7 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 43.8 | 43.8 | 6.3 | 6.3 | | q | 54.9 | 16.1 | 8.9 | 19.9 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 6.3 | 62.5 | 31.3 | 0.0 | | q | 10.1 | 64.9 | 16.0 | 9.1 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 18.8 | 18.8 | 12.5 | 50.0 | | q | 1.8 | 8.1 | 11.7 | 78.3 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 62.5 | 12.5 | 12.5 | 12.5 | | q | 50.6 | 9.2 | 34.8 | 5.3 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 25.0 | 18.8 | 50.0 | 6.3 | | q | 54.7 | 25.2 | 13.3 | 6.6 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.8 | 50.0 | 12.5 | 18.8 | | q | 14.3 | 61.8 | 15.2 | 8.6 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 6.3 | 50.0 | 18.8 | 25.0 | | q | 25.2 | 31.8 | 14.8 | 27.4 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 81.3 | 12.5 | 6.3 | 0.0 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.0 | 25.0 | 50.0 | 0.0 | | q | 31.5 | 38.1 | 21.8 | 8.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 12.5 | 62.5 | 0.0 | 25.0 | | q | 8.1 | 80.4 | 6.4 | 4.9 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.3 | 25.0 | 25.0 | 43.8 | | q | 4.3 | 33.4 | 10.2 | 51.9 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 31.3 | 0.0 | 68.8 | 0.0 | | q | 10.4 | 4.3 | 81.7 | 3.5 | | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 18.8 | 37.5 | 43.8 | 0.0 | | P | 28.5 | 41.4 | 22.4 | 7.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 25.0 | 25.0 | 31.3 | 18.8 | | q | 36.4 | 13.2 | 37.7 | 11.0 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#397 - Belanger Memorial School, Upper Ferry

Grades: K-12

| Item | Key | School [N=10] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.8 | 92.6 | 2.1 | 2.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.0 | 30.0 | 10.0 | 50.0 | | Q | 11.0 | 24.2 | 13.0 | 51.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 30.0 | 30.0 | 10.0 | | Q | 32.5 | 6.1 | 42.2 | 19.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 30.0 | 10.0 | 20.0 | 40.0 | | P | 29.2 | 18.5 | 28.3 | 23.9 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 9.2 | 3.1 | 77.3 | 10.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 70.0 | 30.0 | | P | 9.2 | 13.3 | 48.9 | 28.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 80.0 | 0.0 | 10.0 | 10.0 | | P | 68.4 | 6.3 | 8.1 | 17.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 5.8 | 5.6 | 77.1 | 11.5 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 30.0 | 50.0 | 10.0 | 10.0 | | P | 16.6 | 41.9 | 24.6 | 16.3 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 40.0 | 60.0 | 0.0 | 0.0 | | Q | 24.4 | 67.1 | 5.6 | 2.8 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 10.0 | 40.0 | 40.0 | 10.0 | | P | 31.0 | 21.9 | 38.4 | 8.7 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 80.0 | 0.0 | 20.0 | 0.0 | | P | 46.0 | 21.6 | 21.8 | 10.1 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 70.0 | 0.0 | 10.0 | 20.0 | | P | 64.7 | 14.3 | 10.7 | 9.9 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 20.0 | 80.0 | | P | 4.5 | 7.4 | 9.1 | 79.1 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 40.0 | 20.0 | 20.0 | 20.0 | | Q | 22.4 | 28.0 | 12.9 | 36.1 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 40.0 | 20.0 | 10.0 | 30.0 | | Q | 48.4 | 15.0 | 7.1 | 29.3 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 70.0 | 0.0 | 10.0 | 20.0 | | P | 60.5 | 10.5 | 10.9 | 17.3 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 0.0 | 70.0 | 30.0 | 0.0 | | P | 23.4 | 57.0 | 14.3 | 5.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 10.0 | 90.0 | | P | 5.4 | 14.2 | 8.6 | 71.8 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 30.0 | 20.0 | 50.0 | | Q | 10.5 | 20.8 | 39.7 | 29.0 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 90.0 | 0.0 | 10.0 | 0.0 | | P | 86.3 | 6.6 | 4.8 | 2.3 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 20.0 | 70.0 | 0.0 | 10.0 | | P | 14.5 | 45.3 | 27.0 | 13.2 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 20.0 | 10.0 | 50.0 | 20.0 | | P | 12.2 | 14.7 | 44.3 | 28.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 70.0 | 0.0 | 20.0 | 10.0 | | P | 45.5 | 5.9 | 35.6 | 13.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 80.0 | 0.0 | 10.0 | 10.0 | | P | 67.7 | 11.2 | 9.4 | 11.7 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.0 | 0.0 | 10.0 | 0.0 | | P | 89.1 | 4.3 | 4.8 | 1.7 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 20.0 | 70.0 | 0.0 | 10.0 | | P | 24.4 | 53.2 | 10.2 | 12.2 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 80.0 | 20.0 | 0.0 | | P | 1.8 | 73.2 | 23.4 | 1.2 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 4.1 | 4.1 | 3.0 | 88.8 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.0 | 10.0 | 20.0 | 60.0 | | Q | 10.7 | 17.1 | 9.9 | 62.1 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 30.0 | 0.0 | 50.0 | 20.0 | | P | 16.0 | 11.4 | 47.9 | 24.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 50.0 | 10.0 | 10.0 | 30.0 | | P | 40.5 | 27.8 | 17.0 | 14.2 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.3 | 11.9 | 7.4 | 75.0 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 30.0 | 0.0 | 70.0 | 0.0 | | P | 25.5 | 7.9 | 61.9 | 4.5 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 90.0 | 10.0 | 0.0 | | P | 6.8 | 63.1 | 23.9 | 5.8 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.0 | 1.3 | 81.1 | 14.7 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 70.0 | 0.0 | 0.0 | 30.0 | | P | 54.9 | 16.1 | 8.9 | 19.9 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.0 | 80.0 | 10.0 | 0.0 | | P | 10.1 | 64.9 | 16.0 | 9.1 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 20.0 | 0.0 | 80.0 | | P | 1.8 | 8.1 | 11.7 | 78.3 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 40.0 | 0.0 | 40.0 | 20.0 | | P | 50.6 | 9.2 | 34.8 | 5.3 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 40.0 | 10.0 | 0.0 | | Q | 54.7 | 25.2 | 13.3 | 6.6 | | Q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 14.3 | 61.8 | 15.2 | 8.6 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.0 | 30.0 | 10.0 | 30.0 | | P | 25.2 | 31.8 | 14.8 | 27.4 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 70.0 | 20.0 | 0.0 | 10.0 | | P | 56.5 | 14.0 | 14.2 | 15.0 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 10.0 | 60.0 | 20.0 | 10.0 | | P | 31.5 | 38.1 | 21.8 | 8.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 10.0 | 80.0 | 10.0 | 0.0 | | Q | 8.1 | 80.4 | 6.4 | 4.9 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 20.0 | 30.0 | 10.0 | 40.0 | | Q | 4.3 | 33.4 | 10.2 | 51.9 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 10.0 | 90.0 | 0.0 | | P | 10.4 | 4.3 | 81.7 | 3.5 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 40.0 | 50.0 | 10.0 | 0.0 | | Q | 28.5 | 41.4 | 22.4 | 7.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 20.0 | 0.0 | 70.0 | 10.0 | | P | 36.4 | 13.2 | 37.7 | 11.0 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#474 - Cloud River Academy, Roddickton

Grades: K-12

| Item | Key | School [N=25] | | | | School | | District [N=607] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 88.0 | 4.0 | 8.0 | q | | 2.8 | 92.6 | 2.1 | 2.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 20.0 | 24.0 | 24.0 | 32.0 | q | | 11.0 | 24.2 | 13.0 | 51.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 40.0 | 8.0 | 36.0 | 16.0 | q | | 32.5 | 6.1 | 42.2 | 19.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 28.0 | 48.0 | 16.0 | 8.0 | q | | 29.2 | 18.5 | 28.3 | 23.9 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 24.0 | 0.0 | 60.0 | 16.0 | q | | 9.2 | 3.1 | 77.3 | 10.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 4.0 | 12.0 | 40.0 | 44.0 | q | | 9.2 | 13.3 | 48.9 | 28.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.0 | 0.0 | 12.0 | 24.0 | q | | 68.4 | 6.3 | 8.1 | 17.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 12.0 | 80.0 | 8.0 | | p | 5.8 | 5.6 | 77.1 | 11.5 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 8.0 | 36.0 | 28.0 | 28.0 | q | | 16.6 | 41.9 | 24.6 | 16.3 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 12.0 | 76.0 | 4.0 | 8.0 | | p | 24.4 | 67.1 | 5.6 | 2.8 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 36.0 | 8.0 | 48.0 | 8.0 | | p | 31.0 | 21.9 | 38.4 | 8.7 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 44.0 | 24.0 | 12.0 | 20.0 | q | | 46.0 | 21.6 | 21.8 | 10.1 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 52.0 | 16.0 | 24.0 | 8.0 | q | | 64.7 | 14.3 | 10.7 | 9.9 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.0 | 16.0 | 12.0 | 68.0 | q | | 4.5 | 7.4 | 9.1 | 79.1 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 40.0 | 20.0 | 4.0 | 36.0 | q | | 22.4 | 28.0 | 12.9 | 36.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 40.0 | 28.0 | 4.0 | 28.0 | q | | 48.4 | 15.0 | 7.1 | 29.3 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 64.0 | 24.0 | 4.0 | 0.0 | | p | 60.5 | 10.5 | 10.9 | 17.3 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 28.0 | 60.0 | 8.0 | 4.0 | | p | 23.4 | 57.0 | 14.3 | 5.3 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 4.0 | 12.0 | 8.0 | 76.0 | | p | 5.4 | 14.2 | 8.6 | 71.8 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 12.0 | 16.0 | 32.0 | 40.0 | q | | 10.5 | 20.8 | 39.7 | 29.0 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 96.0 | 4.0 | 0.0 | 0.0 | | p | 86.3 | 6.6 | 4.8 | 2.3 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 28.0 | 36.0 | 24.0 | 12.0 | q | | 14.5 | 45.3 | 27.0 | 13.2 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.0 | 16.0 | 52.0 | 20.0 | | p | 12.2 | 14.7 | 44.3 | 28.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 44.0 | 16.0 | 24.0 | 16.0 | q | | 45.5 | 5.9 | 35.6 | 13.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 68.0 | 4.0 | 24.0 | 4.0 | | p | 67.7 | 11.2 | 9.4 | 11.7 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 80.0 | 12.0 | 4.0 | 4.0 | q | | 89.1 | 4.3 | 4.8 | 1.7 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 40.0 | 44.0 | 8.0 | 8.0 | q | | 24.4 | 53.2 | 10.2 | 12.2 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 4.0 | 76.0 | 20.0 | 0.0 | | p | 1.8 | 73.2 | 23.4 | 1.2 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 8.0 | 12.0 | 4.0 | 76.0 | q | | 4.1 | 4.1 | 3.0 | 88.8 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 4.0 | 20.0 | 4.0 | 72.0 | | p | 10.7 | 17.1 | 9.9 | 62.1 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 32.0 | 16.0 | 36.0 | 16.0 | q | | 16.0 | 11.4 | 47.9 | 24.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 56.0 | 28.0 | 8.0 | 8.0 | | p | 40.5 | 27.8 | 17.0 | 14.2 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 16.0 | 4.0 | 20.0 | 60.0 | q | | 5.3 | 11.9 | 7.4 | 75.0 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 24.0 | 12.0 | 56.0 | 8.0 | q | | 25.5 | 7.9 | 61.9 | 4.5 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.0 | 60.0 | 32.0 | 4.0 | q | | 6.8 | 63.1 | 23.9 | 5.8 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 88.0 | 12.0 | | p | 3.0 | 1.3 | 81.1 | 14.7 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 36.0 | 28.0 | 4.0 | 32.0 | q | | 54.9 | 16.1 | 8.9 | 19.9 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 4.0 | 76.0 | 16.0 | 4.0 | | p | 10.1 | 64.9 | 16.0 | 9.1 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 4.0 | 8.0 | 88.0 | | p | 1.8 | 8.1 | 11.7 | 78.3 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 40.0 | 12.0 | 40.0 | 8.0 | | p | 50.6 | 9.2 | 34.8 | 5.3 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 40.0 | 40.0 | 20.0 | 0.0 | q | | 54.7 | 25.2 | 13.3 | 6.6 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.0 | 60.0 | 16.0 | 12.0 | q | | 14.3 | 61.8 | 15.2 | 8.6 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 12.0 | 40.0 | 12.0 | 36.0 | q | | 25.2 | 31.8 | 14.8 | 27.4 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 56.0 | 24.0 | 4.0 | 16.0 | q | | 56.5 | 14.0 | 14.2 | 15.0 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 48.0 | 20.0 | 16.0 | 16.0 | q | | 31.5 | 38.1 | 21.8 | 8.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 16.0 | 72.0 | 4.0 | 8.0 | q | | 8.1 | 80.4 | 6.4 | 4.9 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 20.0 | 12.0 | 68.0 | | p | 4.3 | 33.4 | 10.2 | 51.9 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 32.0 | 12.0 | 48.0 | 8.0 | q | | 10.4 | 4.3 | 81.7 | 3.5 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 12.0 | 52.0 | 32.0 | 4.0 | | p | 28.5 | 41.4 | 22.4 | 7.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 40.0 | 20.0 | 28.0 | 12.0 | q | | 36.4 | 13.2 | 37.7 | 11.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 2 - Western

(percentage of students who selected each response)

#475 - Viking Trail Academy, Plum Point

Grades: K-12

| Item | Key | School [N=13] | | | | School Below Above District | District [N=607] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 2.8 | 92.6 | 2.1 | 2.5 | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 46.2 | 0.0 | 53.9 | | 11.0 | 24.2 | 13.0 | 51.7 | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 15.4 | 0.0 | 53.9 | 30.8 | | 32.5 | 6.1 | 42.2 | 19.1 | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 38.5 | 53.9 | 7.7 | 0.0 | q | 29.2 | 18.5 | 28.3 | 23.9 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 7.7 | 7.7 | 84.6 | 0.0 | | 9.2 | 3.1 | 77.3 | 10.4 | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 7.7 | 69.2 | 23.1 | | 9.2 | 13.3 | 48.9 | 28.5 | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 68.4 | 6.3 | 8.1 | 17.3 | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 92.3 | 7.7 | | 5.8 | 5.6 | 77.1 | 11.5 | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 69.2 | 15.4 | 15.4 | | 16.6 | 41.9 | 24.6 | 16.3 | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 15.4 | 76.9 | 7.7 | 0.0 | | 24.4 | 67.1 | 5.6 | 2.8 | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 53.9 | 38.5 | 7.7 | 0.0 | q | 31.0 | 21.9 | 38.4 | 8.7 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 69.2 | 7.7 | 15.4 | 7.7 | | 46.0 | 21.6 | 21.8 | 10.1 | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 69.2 | 15.4 | 15.4 | 0.0 | | 64.7 | 14.3 | 10.7 | 9.9 | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 7.7 | 7.7 | 84.6 | | 4.5 | 7.4 | 9.1 | 79.1 | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 23.1 | 38.5 | 0.0 | 38.5 | | 22.4 | 28.0 | 12.9 | 36.1 | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 46.2 | 23.1 | 0.0 | 30.8 | q | 48.4 | 15.0 | 7.1 | 29.3 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 84.6 | 7.7 | 0.0 | 7.7 | | 60.5 | 10.5 | 10.9 | 17.3 | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 15.4 | 76.9 | 7.7 | 0.0 | | 23.4 | 57.0 | 14.3 | 5.3 | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 23.1 | 15.4 | 61.5 | q | 5.4 | 14.2 | 8.6 | 71.8 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 15.4 | 38.5 | 46.2 | q | 10.5 | 20.8 | 39.7 | 29.0 | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 86.3 | 6.6 | 4.8 | 2.3 | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 7.7 | 92.3 | 0.0 | 0.0 | | 14.5 | 45.3 | 27.0 | 13.2 | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 7.7 | 7.7 | 61.5 | 23.1 | | 12.2 | 14.7 | 44.3 | 28.8 | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 53.9 | 7.7 | 38.5 | 0.0 | | 45.5 | 5.9 | 35.6 | 13.0 | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 92.3 | 7.7 | 0.0 | 0.0 | | 67.7 | 11.2 | 9.4 | 11.7 | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 92.3 | 7.7 | 0.0 | 0.0 | | 89.1 | 4.3 | 4.8 | 1.7 | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 0.0 | 92.3 | 7.7 | 0.0 | | 24.4 | 53.2 | 10.2 | 12.2 | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 1.8 | 73.2 | 23.4 | 1.2 | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 7.7 | 0.0 | 0.0 | 92.3 | | 4.1 | 4.1 | 3.0 | 88.8 | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.7 | 23.1 | 0.0 | 69.2 | | 10.7 | 17.1 | 9.9 | 62.1 | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 15.4 | 0.0 | 61.5 | 23.1 | | 16.0 | 11.4 | 47.9 | 24.6 | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 61.5 | 23.1 | 15.4 | 0.0 | | 40.5 | 27.8 | 17.0 | 14.2 | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 7.7 | 0.0 | 92.3 | | 5.3 | 11.9 | 7.4 | 75.0 | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 38.5 | 15.4 | 46.2 | 0.0 | q | 25.5 | 7.9 | 61.9 | 4.5 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 15.4 | 53.9 | 23.1 | 7.7 | q | 6.8 | 63.1 | 23.9 | 5.8 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 84.6 | 15.4 | | 3.0 | 1.3 | 81.1 | 14.7 | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 54.9 | 16.1 | 8.9 | 19.9 | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 84.6 | 15.4 | 0.0 | | 10.1 | 64.9 | 16.0 | 9.1 | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 7.7 | 92.3 | | 1.8 | 8.1 | 11.7 | 78.3 | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 30.8 | 0.0 | 69.2 | 0.0 | | 50.6 | 9.2 | 34.8 | 5.3 | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 84.6 | 7.7 | 7.7 | 0.0 | | 54.7 | 25.2 | 13.3 | 6.6 | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 30.8 | 38.5 | 23.1 | 7.7 | q | 14.3 | 61.8 | 15.2 | 8.6 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 76.9 | 7.7 | 7.7 | 7.7 | | 25.2 | 31.8 | 14.8 | 27.4 | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 30.8 | 23.1 | 46.2 | 0.0 | q | 56.5 | 14.0 | 14.2 | 15.0 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 38.5 | 46.2 | 0.0 | 15.4 | | 31.5 | 38.1 | 21.8 | 8.6 | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 92.3 | 0.0 | 7.7 | | 8.1 | 80.4 | 6.4 | 4.9 | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.7 | 53.9 | 0.0 | 38.5 | q | 4.3 | 33.4 | 10.2 | 51.9 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 15.4 | 7.7 | 69.2 | 7.7 | q | 10.4 | 4.3 | 81.7 | 3.5 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 53.9 | 23.1 | 7.7 | | 28.5 | 41.4 | 22.4 | 7.1 | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.5 | 0.0 | 46.2 | 15.4 | | 36.4 | 13.2 | 37.7 | 11.0 | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#125 - Baie Verte High School, Baie Verte

Grades: 8-12

| Item | Key | School [N=20] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 15.0 | 85.0 | 0.0 | 0.0 | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.0 | 35.0 | 20.0 | 35.0 | q | 10.0 | 29.4 | 12.7 | 47.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 40.0 | 10.0 | 40.0 | 10.0 | q | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 40.0 | 5.0 | 10.0 | 45.0 | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.0 | 5.0 | 75.0 | 15.0 | q | 9.3 | 1.6 | 77.7 | 11.4 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 5.0 | 15.0 | 45.0 | 35.0 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 55.0 | 5.0 | 5.0 | 35.0 | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 5.0 | 75.0 | 20.0 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 5.0 | 70.0 | 10.0 | 15.0 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 20.0 | 70.0 | 0.0 | 10.0 | q | 20.3 | 74.2 | 3.1 | 2.4 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 30.0 | 15.0 | 55.0 | 0.0 | p | 24.3 | 28.0 | 40.5 | 7.1 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 45.0 | 0.0 | 35.0 | 20.0 | q | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 5.0 | 5.0 | 15.0 | p | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 10.0 | 10.0 | 80.0 | p | 3.1 | 7.4 | 9.4 | 80.0 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 25.0 | 45.0 | 10.0 | 20.0 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 65.0 | 15.0 | 5.0 | 15.0 | p | 48.1 | 13.1 | 5.4 | 33.4 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 5.0 | 25.0 | 20.0 | q | 65.9 | 12.3 | 9.8 | 11.6 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 45.0 | 25.0 | 5.0 | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.0 | 25.0 | 15.0 | 50.0 | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 20.0 | 35.0 | 30.0 | 15.0 | q | 10.3 | 16.5 | 36.8 | 36.1 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 65.0 | 20.0 | 10.0 | 5.0 | q | 85.3 | 6.5 | 5.4 | 2.7 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 15.0 | 50.0 | 20.0 | 15.0 | p | 16.2 | 41.4 | 29.8 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 10.0 | 30.0 | 45.0 | 15.0 | q | 13.1 | 13.8 | 45.4 | 27.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 40.0 | 5.0 | 40.0 | 15.0 | q | 51.2 | 5.8 | 32.9 | 10.2 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 55.0 | 25.0 | 10.0 | 10.0 | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 25.0 | 55.0 | 10.0 | 10.0 | p | 25.6 | 51.4 | 12.5 | 10.3 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 90.0 | 10.0 | 0.0 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.0 | 0.0 | 0.0 | 95.0 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 15.0 | 20.0 | 10.0 | 55.0 | q | 8.0 | 14.7 | 11.6 | 65.5 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 10.0 | 5.0 | 60.0 | 25.0 | p | 17.6 | 8.2 | 43.2 | 30.9 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 45.0 | 30.0 | 5.0 | 20.0 | p | 42.3 | 28.1 | 13.8 | 14.9 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 10.0 | 15.0 | 0.0 | 75.0 | q | 4.9 | 9.8 | 7.8 | 77.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 20.0 | 10.0 | 70.0 | 0.0 | p | 27.4 | 6.4 | 62.3 | 4.0 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 90.0 | 5.0 | 5.0 | p | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 5.0 | 80.0 | 15.0 | q | 1.6 | 0.9 | 85.7 | 11.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 65.0 | 5.0 | 15.0 | 15.0 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 5.0 | 75.0 | 15.0 | 5.0 | p | 9.8 | 71.9 | 13.8 | 4.5 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 5.0 | 95.0 | p | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 75.0 | 0.0 | 25.0 | 0.0 | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 20.0 | 25.0 | 5.0 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 85.0 | 15.0 | 0.0 | p | 12.7 | 65.2 | 13.6 | 8.5 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 40.0 | 10.0 | 15.0 | 35.0 | p | 25.6 | 27.6 | 14.3 | 32.1 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 10.0 | 10.0 | 20.0 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 45.0 | 25.0 | 20.0 | 10.0 | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.0 | 85.0 | 10.0 | 0.0 | p | 7.3 | 79.9 | 8.5 | 4.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 10.0 | 40.0 | 5.0 | 45.0 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 95.0 | 5.0 | p | 6.9 | 4.2 | 85.7 | 3.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 60.0 | 10.0 | 20.0 | 10.0 | p | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 40.0 | 20.0 | 25.0 | 15.0 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#128 - Long Island Academy, Beaumont

Grades: K,2-8,10-12

| Item | Key | School [N=4] | | | | District [N=551] | | | | School Above Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | P | | 2.4 | 93.5 | 2.7 | 1.5 | P | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 10.0 | 29.4 | 12.7 | 47.7 | P | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 37.0 | 6.0 | 41.9 | 15.1 | P | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 26.5 | 18.2 | 30.7 | 24.7 | P | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | q | | 9.3 | 1.6 | 77.7 | 11.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 9.4 | 14.7 | 50.6 | 25.2 | P | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 67.5 | 4.9 | 9.3 | 18.3 | P | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | q | | 3.3 | 4.4 | 82.9 | 9.3 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | P | | 20.3 | 74.2 | 3.1 | 2.4 | P | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 24.3 | 28.0 | 40.5 | 7.1 | P | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 45.6 | 18.9 | 24.7 | 10.7 | P | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 72.2 | 9.6 | 6.7 | 11.1 | P | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 3.1 | 7.4 | 9.4 | 80.0 | P | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 23.6 | 30.0 | 12.2 | 34.1 | P | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | P | | 48.1 | 13.1 | 5.4 | 33.4 | P | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | P | | 65.9 | 12.3 | 9.8 | 11.6 | P | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 29.4 | 55.5 | 11.4 | 3.5 | P | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 5.3 | 17.2 | 7.1 | 70.4 | P | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 10.3 | 16.5 | 36.8 | 36.1 | P | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | q | | 85.3 | 6.5 | 5.4 | 2.7 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 16.2 | 41.4 | 29.8 | 12.7 | P | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 13.1 | 13.8 | 45.4 | 27.8 | P | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | q | | 51.2 | 5.8 | 32.9 | 10.2 | P | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | P | | 67.7 | 11.3 | 8.9 | 12.2 | P | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 90.7 | 3.5 | 4.5 | 1.3 | P | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | P | | 2.4 | 73.0 | 22.7 | 1.6 | P | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 3.8 | 2.4 | 2.9 | 90.9 | P | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 8.0 | 14.7 | 11.6 | 65.5 | P | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 17.6 | 8.2 | 43.2 | 30.9 | P | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | q | | 4.9 | 9.8 | 7.8 | 77.5 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 27.4 | 6.4 | 62.3 | 4.0 | P | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 6.0 | 69.9 | 20.0 | 4.0 | P | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | q | | 1.6 | 0.9 | 85.7 | 11.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | P | | 59.0 | 13.3 | 8.0 | 19.6 | P | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 9.8 | 71.9 | 13.8 | 4.5 | P | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 1.5 | 6.0 | 8.5 | 84.0 | P | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | P | | 50.8 | 10.5 | 35.2 | 3.5 | P | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | q | | 55.9 | 25.6 | 10.0 | 8.5 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 12.7 | 65.2 | 13.6 | 8.5 | P | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | P | | 25.6 | 27.6 | 14.3 | 32.1 | P | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | q | | 26.9 | 42.8 | 20.3 | 9.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 7.1 | 34.5 | 10.9 | 47.2 | P | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | q | | 6.9 | 4.2 | 85.7 | 3.3 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | P | | 30.1 | 41.9 | 18.5 | 9.1 | P | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 35.9 | 13.8 | 39.8 | 10.3 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#132 - Botwood Collegiate, Botwood

Grades: 9-12

| Item | Key | School [N=16] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 18.8 | 31.3 | 6.3 | 43.8 | | Q | 10.0 | 29.4 | 12.7 | 47.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 6.3 | 37.5 | 6.3 | | Q | 37.0 | 6.0 | 41.9 | 15.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 31.3 | 18.8 | 31.3 | 18.8 | | Q | 26.5 | 18.2 | 30.7 | 24.7 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.3 | 0.0 | 81.3 | 12.5 | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 43.8 | 31.3 | 25.0 | | Q | 9.4 | 14.7 | 50.6 | 25.2 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 81.3 | 0.0 | 12.5 | 6.3 | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.5 | 31.3 | 31.3 | 18.8 | | Q | 13.3 | 47.2 | 25.4 | 13.8 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.8 | 81.3 | 0.0 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 12.5 | 31.3 | 56.3 | 0.0 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 37.5 | 12.5 | 37.5 | 12.5 | | Q | 45.6 | 18.9 | 24.7 | 10.7 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 12.5 | 6.3 | 6.3 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.1 | 7.4 | 9.4 | 80.0 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 37.5 | 43.8 | 6.3 | 12.5 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 56.3 | 6.3 | 6.3 | 31.3 | | P | 48.1 | 13.1 | 5.4 | 33.4 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 81.3 | 12.5 | 0.0 | 6.3 | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 18.8 | 75.0 | 6.3 | 0.0 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 18.8 | 31.3 | 50.0 | | Q | 10.3 | 16.5 | 36.8 | 36.1 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 68.8 | 25.0 | 0.0 | 6.3 | | Q | 85.3 | 6.5 | 5.4 | 2.7 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 37.5 | 31.3 | 25.0 | 6.3 | | Q | 16.2 | 41.4 | 29.8 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.5 | 12.5 | 62.5 | 12.5 | | P | 13.1 | 13.8 | 45.4 | 27.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 62.5 | 0.0 | 31.3 | 6.3 | | P | 51.2 | 5.8 | 32.9 | 10.2 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 75.0 | 12.5 | 0.0 | 12.5 | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 37.5 | 12.5 | 0.0 | | Q | 25.6 | 51.4 | 12.5 | 10.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 75.0 | 25.0 | 0.0 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.3 | 0.0 | 0.0 | 93.8 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 6.3 | 25.0 | 56.3 | 12.5 | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 43.8 | 18.8 | 18.8 | 18.8 | | P | 42.3 | 28.1 | 13.8 | 14.9 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 18.8 | 12.5 | 68.8 | | Q | 4.9 | 9.8 | 7.8 | 77.5 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 18.8 | 6.3 | 75.0 | 0.0 | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 68.8 | 25.0 | 6.3 | | Q | 6.0 | 69.9 | 20.0 | 4.0 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 81.3 | 18.8 | | Q | 1.6 | 0.9 | 85.7 | 11.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.0 | 0.0 | 6.3 | 18.8 | | P | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 12.5 | 81.3 | 0.0 | 6.3 | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 62.5 | 12.5 | 25.0 | 0.0 | | Q | 50.8 | 10.5 | 35.2 | 3.5 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 56.3 | 18.8 | 12.5 | 12.5 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.3 | 87.5 | 6.3 | 0.0 | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 25.0 | 18.8 | 12.5 | 43.8 | | Q | 25.6 | 27.6 | 14.3 | 32.1 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 0.0 | 31.3 | 18.8 | | Q | 58.3 | 13.3 | 13.6 | 14.7 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 12.5 | 50.0 | 31.3 | 6.3 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 6.3 | 87.5 | 6.3 | 0.0 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 12.5 | 18.8 | 0.0 | 68.8 | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 6.3 | 0.0 | 87.5 | 6.3 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 37.5 | 43.8 | 6.3 | 12.5 | | Q | 30.1 | 41.9 | 18.5 | 9.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 56.3 | 12.5 | 31.3 | 0.0 | | Q | 35.9 | 13.8 | 39.8 | 10.3 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#138 - Victoria Academy, Gaultois

Grades: K-3,5-12

| Item | Key | School [N=4] | | | | District [N=551] | | | | Province [N=3,499] | | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|---|------|------|------|------|--|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | A | B | C | D | | |
| 1. | B | | | | | | P | 2.4 | 93.5 | 2.7 | 1.5 | | | | | | | |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 10.0 | 29.4 | 12.7 | 47.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 | |
| 3. | C | | | | | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 | |
| 4. | D | | | | | | p | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 | |
| 5. | C | | | | | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 | |
| 6. | C | | | | | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 | |
| 7. | A | | | | | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 | |
| 8. | C | | | | | | q | 3.3 | 4.4 | 82.9 | 9.3 | | q | 3.1 | 4.1 | 82.6 | 10.1 | |
| 9. | B | | | | | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 | |
| 10. | B | | | | | | q | 20.3 | 74.2 | 3.1 | 2.4 | | q | 20.3 | 72.4 | 4.9 | 2.4 | |
| 11. | C | | | | | | p | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 | |
| 12. | A | | | | | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 | |
| 13. | A | | | | | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 | |
| 14. | D | | | | | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 | |
| 15. | B | | | | | | p | 23.6 | 30.0 | 12.2 | 34.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 | |
| 16. | A | | | | | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 | |
| 17. | A | | | | | | q | 65.9 | 12.3 | 9.8 | 11.6 | | q | 63.9 | 10.4 | 10.4 | 14.8 | |
| 18. | B | | | | | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 | |
| 19. | D | | | | | | q | 5.3 | 17.2 | 7.1 | 70.4 | | q | 5.7 | 15.5 | 9.1 | 69.7 | |
| 20. | C | | | | | | q | 10.3 | 16.5 | 36.8 | 36.1 | | q | 10.6 | 20.6 | 35.1 | 33.6 | |
| 21. | A | | | | | | q | 85.3 | 6.5 | 5.4 | 2.7 | | q | 85.3 | 6.1 | 5.5 | 3.1 | |
| 22. | B | | | | | | q | 16.2 | 41.4 | 29.8 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 | |
| 23. | C | | | | | | p | 13.1 | 13.8 | 45.4 | 27.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 | |
| 24. | A | | | | | | q | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 | |
| 25. | A | | | | | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 | |
| 26. | A | | | | | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 | |
| 27. | B | | | | | | p | 25.6 | 51.4 | 12.5 | 10.3 | | p | 24.1 | 53.1 | 10.9 | 11.8 | |
| 28. | B | | | | | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 | |
| 29. | D | | | | | | q | 3.8 | 2.4 | 2.9 | 90.9 | | q | 4.1 | 3.2 | 3.4 | 89.3 | |
| 30. | D | | | | | | p | 8.0 | 14.7 | 11.6 | 65.5 | | p | 9.7 | 16.5 | 10.7 | 62.9 | |
| 31. | C | | | | | | p | 17.6 | 8.2 | 43.2 | 30.9 | | p | 18.3 | 9.1 | 46.4 | 26.0 | |
| 32. | A | | | | | | p | 42.3 | 28.1 | 13.8 | 14.9 | | p | 44.1 | 28.2 | 14.2 | 12.8 | |
| 33. | D | | | | | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 | |
| 34. | C | | | | | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 | |
| 35. | B | | | | | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 | |
| 36. | C | | | | | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 | |
| 37. | A | | | | | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 | |
| 38. | B | | | | | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 | |
| 39. | D | | | | | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 | |
| 40. | C | | | | | | p | 50.8 | 10.5 | 35.2 | 3.5 | | p | 49.8 | 10.4 | 34.5 | 5.1 | |
| 41. | A | | | | | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 | |
| 42. | B | | | | | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 | |
| 43. | A | | | | | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 | |
| 44. | A | | | | | | q | 58.3 | 13.3 | 13.6 | 14.7 | | q | 54.9 | 13.3 | 13.4 | 18.1 | |
| 45. | B | | | | | | q | 26.9 | 42.8 | 20.3 | 9.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 | |
| 46. | B | | | | | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 | |
| 47. | D | | | | | | q | 7.1 | 34.5 | 10.9 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 | |
| 48. | C | | | | | | q | 6.9 | 4.2 | 85.7 | 3.3 | | q | 8.4 | 3.8 | 84.6 | 3.1 | |
| 49. | C | | | | | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 | |
| 50. | C | | | | | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#141 - Exploits Valley High - Maple, Grand Falls-Windsor

Grades: 11-12

| Item | Key | School [N=93] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 1.1 | 96.8 | 1.1 | 1.1 | p | 2.4 | 93.5 | 2.7 | 1.5 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 8.6 | 31.2 | 6.5 | 53.8 | p | 10.0 | 29.4 | 12.7 | 47.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 45.2 | 6.5 | 32.3 | 16.1 | q | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.5 | 19.4 | 33.3 | 25.8 | p | 26.5 | 18.2 | 30.7 | 24.7 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 8.6 | 1.1 | 83.9 | 6.5 | p | 9.3 | 1.6 | 77.7 | 11.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.8 | 18.3 | 41.9 | 29.0 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 73.1 | 7.5 | 8.6 | 10.8 | p | 67.5 | 4.9 | 9.3 | 18.3 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 7.5 | 4.3 | 78.5 | 9.7 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 7.5 | 52.7 | 29.0 | 10.8 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 14.0 | 80.7 | 3.2 | 2.2 | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 23.7 | 14.0 | 51.6 | 9.7 | p | 24.3 | 28.0 | 40.5 | 7.1 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 46.2 | 17.2 | 24.7 | 11.8 | p | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 71.0 | 10.8 | 6.5 | 11.8 | q | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.3 | 7.5 | 7.5 | 80.7 | p | 3.1 | 7.4 | 9.4 | 80.0 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.6 | 26.9 | 12.9 | 37.6 | q | 23.6 | 30.0 | 12.2 | 34.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 41.9 | 11.8 | 1.1 | 45.2 | q | 48.1 | 13.1 | 5.4 | 33.4 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.2 | 14.0 | 7.5 | 17.2 | q | 65.9 | 12.3 | 9.8 | 11.6 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 31.2 | 55.9 | 11.8 | 1.1 | p | 29.4 | 55.5 | 11.4 | 3.5 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.5 | 19.4 | 7.5 | 66.7 | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.3 | 15.1 | 36.6 | 29.0 | q | 10.3 | 16.5 | 36.8 | 36.1 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 87.1 | 4.3 | 5.4 | 3.2 | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 15.1 | 29.0 | 38.7 | 17.2 | q | 16.2 | 41.4 | 29.8 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.9 | 6.5 | 48.4 | 32.3 | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 53.8 | 5.4 | 33.3 | 7.5 | p | 51.2 | 5.8 | 32.9 | 10.2 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 64.5 | 16.1 | 9.7 | 9.7 | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.6 | 1.1 | 4.3 | 1.1 | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 21.5 | 51.6 | 10.8 | 16.1 | p | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.2 | 67.7 | 26.9 | 2.2 | q | 2.4 | 73.0 | 22.7 | 1.6 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.5 | 2.2 | 4.3 | 87.1 | q | 3.8 | 2.4 | 2.9 | 90.9 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.8 | 9.7 | 15.1 | 64.5 | q | 8.0 | 14.7 | 11.6 | 65.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 21.5 | 6.5 | 41.9 | 30.1 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 41.9 | 23.7 | 16.1 | 18.3 | q | 42.3 | 28.1 | 13.8 | 14.9 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.3 | 6.5 | 8.6 | 80.7 | p | 4.9 | 9.8 | 7.8 | 77.5 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.7 | 9.7 | 65.6 | 1.1 | p | 27.4 | 6.4 | 62.3 | 4.0 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 2.2 | 67.7 | 23.7 | 5.4 | q | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 4.3 | 1.1 | 88.2 | 6.5 | p | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 64.5 | 12.9 | 4.3 | 18.3 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.5 | 72.0 | 15.1 | 5.4 | p | 9.8 | 71.9 | 13.8 | 4.5 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 7.5 | 8.6 | 83.9 | q | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 49.5 | 12.9 | 33.3 | 4.3 | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 51.6 | 28.0 | 12.9 | 7.5 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.7 | 69.9 | 15.1 | 5.4 | p | 12.7 | 65.2 | 13.6 | 8.5 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 20.4 | 31.2 | 16.1 | 31.2 | q | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 65.6 | 5.4 | 7.5 | 21.5 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 26.9 | 43.0 | 18.3 | 10.8 | p | 26.9 | 42.8 | 20.3 | 9.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.5 | 79.6 | 7.5 | 5.4 | q | 7.3 | 79.9 | 8.5 | 4.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.5 | 40.9 | 5.4 | 46.2 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 4.3 | 3.2 | 91.4 | 1.1 | p | 6.9 | 4.2 | 85.7 | 3.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 28.0 | 39.8 | 28.0 | 4.3 | p | 30.1 | 41.9 | 18.5 | 9.1 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 11.8 | 46.2 | 8.6 | p | 35.9 | 13.8 | 39.8 | 10.3 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#149 - King Academy, Harbour Breton

Grades: 7-12

| Item | Key | School [N=7] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|--------|-------|------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 42.9 | 57.1 | 0.0 | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 28.6 | 0.0 | 71.4 | 0.0 | | P | 37.0 | 6.0 | 41.9 | 15.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 0.0 | 57.1 | 14.3 | 28.6 | | P | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 14.3 | 0.0 | 85.7 | 0.0 | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 42.9 | 57.1 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 85.7 | 0.0 | 14.3 | 0.0 | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 28.6 | 71.4 | 0.0 | q | | 3.3 | 4.4 | 82.9 | 9.3 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 28.6 | 71.4 | 0.0 | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 57.1 | 42.9 | 0.0 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 57.1 | 42.9 | 0.0 | 0.0 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 14.3 | 42.9 | 28.6 | 14.3 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 85.7 | 0.0 | 14.3 | 0.0 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 28.6 | 0.0 | 71.4 | q | | 3.1 | 7.4 | 9.4 | 80.0 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 28.6 | 0.0 | 0.0 | 71.4 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 14.3 | 14.3 | 0.0 | 71.4 | q | | 48.1 | 13.1 | 5.4 | 33.4 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 42.9 | 0.0 | 42.9 | 14.3 | q | | 65.9 | 12.3 | 9.8 | 11.6 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 28.6 | 71.4 | 0.0 | 0.0 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 71.4 | 0.0 | 28.6 | q | | 5.3 | 17.2 | 7.1 | 70.4 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 0.0 | 28.6 | 71.4 | q | | 10.3 | 16.5 | 36.8 | 36.1 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 85.7 | 0.0 | 0.0 | 14.3 | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 28.6 | 57.1 | 14.3 | q | | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 14.3 | 14.3 | 42.9 | 28.6 | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 14.3 | 42.9 | 42.9 | 0.0 | q | | 51.2 | 5.8 | 32.9 | 10.2 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 71.4 | 14.3 | 14.3 | 0.0 | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 28.6 | 57.1 | 0.0 | 14.3 | | P | 25.6 | 51.4 | 12.5 | 10.3 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 14.3 | 28.6 | 57.1 | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 28.6 | 14.3 | 0.0 | 57.1 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 14.3 | 0.0 | 28.6 | 57.1 | q | | 4.9 | 9.8 | 7.8 | 77.5 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 42.9 | 0.0 | 42.9 | 14.3 | q | | 27.4 | 6.4 | 62.3 | 4.0 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 42.9 | 42.9 | 14.3 | 0.0 | q | | 6.0 | 69.9 | 20.0 | 4.0 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 71.4 | 28.6 | q | | 1.6 | 0.9 | 85.7 | 11.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 57.1 | 14.3 | 28.6 | 0.0 | q | | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 85.7 | 0.0 | 0.0 | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 42.9 | 28.6 | 0.0 | 28.6 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 71.4 | 14.3 | 14.3 | 0.0 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 28.6 | 71.4 | 0.0 | 0.0 | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 28.6 | 0.0 | 14.3 | 57.1 | | P | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 0.0 | 14.3 | 14.3 | 71.4 | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 14.3 | 57.1 | 14.3 | 14.3 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 85.7 | 14.3 | 0.0 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 57.1 | 42.9 | 0.0 | q | | 7.1 | 34.5 | 10.9 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 42.9 | 57.1 | 0.0 | 0.0 | q | | 30.1 | 41.9 | 18.5 | 9.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 0.0 | 28.6 | 57.1 | 14.3 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#151 - John Watkins Academy, Hermitage

Grades: K-12

| Item | Key | School [N=8] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 25.0 | 37.5 | 0.0 | 37.5 | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 0.0 | 37.5 | 12.5 | q | | 37.0 | 6.0 | 41.9 | 15.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 0.0 | 25.0 | 50.0 | | P | 26.5 | 18.2 | 30.7 | 24.7 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 62.5 | 37.5 | | P | 9.4 | 14.7 | 50.6 | 25.2 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 75.0 | 0.0 | 0.0 | 25.0 | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.5 | 87.5 | 0.0 | 0.0 | | P | 13.3 | 47.2 | 25.4 | 13.8 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 12.5 | 25.0 | 62.5 | 0.0 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 87.5 | 0.0 | 12.5 | 0.0 | | P | 45.6 | 18.9 | 24.7 | 10.7 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.1 | 7.4 | 9.4 | 80.0 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 12.5 | 62.5 | 0.0 | 25.0 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 50.0 | 0.0 | 0.0 | 50.0 | | P | 48.1 | 13.1 | 5.4 | 33.4 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 75.0 | 0.0 | 0.0 | 25.0 | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 12.5 | 87.5 | 0.0 | 0.0 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 25.0 | 75.0 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 0.0 | 62.5 | 37.5 | | P | 10.3 | 16.5 | 36.8 | 36.1 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 87.5 | 12.5 | 0.0 | 0.0 | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.5 | 62.5 | 0.0 | 25.0 | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 25.0 | 75.0 | 0.0 | | P | 13.1 | 13.8 | 45.4 | 27.8 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 62.5 | 12.5 | 12.5 | 12.5 | | P | 51.2 | 5.8 | 32.9 | 10.2 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 62.5 | 25.0 | 0.0 | 12.5 | q | | 67.7 | 11.3 | 8.9 | 12.2 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 25.6 | 51.4 | 12.5 | 10.3 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 37.5 | 12.5 | 37.5 | 12.5 | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 62.5 | 0.0 | 12.5 | 25.0 | | P | 42.3 | 28.1 | 13.8 | 14.9 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 4.9 | 9.8 | 7.8 | 77.5 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 0.0 | 75.0 | 0.0 | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 6.0 | 69.9 | 20.0 | 4.0 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 1.6 | 0.9 | 85.7 | 11.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 12.5 | 0.0 | 87.5 | | P | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 12.5 | 0.0 | 87.5 | 0.0 | | P | 50.8 | 10.5 | 35.2 | 3.5 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 87.5 | 12.5 | 0.0 | 0.0 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.5 | 87.5 | 0.0 | 0.0 | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 12.5 | 12.5 | 50.0 | 25.0 | q | | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 87.5 | 0.0 | 12.5 | 0.0 | | P | 58.3 | 13.3 | 13.6 | 14.7 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 12.5 | 87.5 | 0.0 | 0.0 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 0.0 | 0.0 | 87.5 | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 62.5 | 25.0 | 0.0 | 0.0 | q | | 30.1 | 41.9 | 18.5 | 9.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 0.0 | 0.0 | 75.0 | 12.5 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#152 - Valmont Academy, King's Point

Grades: K-12

| Item | Key | School [N=8] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 2.4 | 93.5 | 2.7 | 1.5 | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 12.5 | 0.0 | 87.5 | | 10.0 | 29.4 | 12.7 | 47.7 | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 12.5 | 0.0 | 62.5 | 25.0 | | 37.0 | 6.0 | 41.9 | 15.1 | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 37.5 | 37.5 | 0.0 | q | 26.5 | 18.2 | 30.7 | 24.7 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 25.0 | 0.0 | 62.5 | 12.5 | q | 9.3 | 1.6 | 77.7 | 11.4 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 25.0 | 37.5 | 37.5 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 67.5 | 4.9 | 9.3 | 18.3 | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | 3.3 | 4.4 | 82.9 | 9.3 | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.5 | 75.0 | 0.0 | 12.5 | | 13.3 | 47.2 | 25.4 | 13.8 | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 25.0 | 62.5 | 12.5 | 0.0 | q | 20.3 | 74.2 | 3.1 | 2.4 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 12.5 | 12.5 | 62.5 | 12.5 | | 24.3 | 28.0 | 40.5 | 7.1 | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 62.5 | 25.0 | 0.0 | 12.5 | | 45.6 | 18.9 | 24.7 | 10.7 | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 12.5 | 12.5 | 0.0 | | 72.2 | 9.6 | 6.7 | 11.1 | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 3.1 | 7.4 | 9.4 | 80.0 | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 12.5 | 37.5 | 0.0 | 50.0 | | 23.6 | 30.0 | 12.2 | 34.1 | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 50.0 | 12.5 | 0.0 | 37.5 | | 48.1 | 13.1 | 5.4 | 33.4 | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 87.5 | 0.0 | 0.0 | 12.5 | | 65.9 | 12.3 | 9.8 | 11.6 | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 12.5 | 87.5 | 0.0 | 0.0 | | 29.4 | 55.5 | 11.4 | 3.5 | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 5.3 | 17.2 | 7.1 | 70.4 | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 12.5 | 25.0 | 50.0 | 12.5 | | 10.3 | 16.5 | 36.8 | 36.1 | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 85.3 | 6.5 | 5.4 | 2.7 | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.5 | 50.0 | 12.5 | 25.0 | | 16.2 | 41.4 | 29.8 | 12.7 | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.5 | 0.0 | 50.0 | 37.5 | | 13.1 | 13.8 | 45.4 | 27.8 | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 75.0 | 0.0 | 12.5 | 12.5 | | 51.2 | 5.8 | 32.9 | 10.2 | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 75.0 | 0.0 | 12.5 | 12.5 | | 67.7 | 11.3 | 8.9 | 12.2 | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 75.0 | 12.5 | 12.5 | 0.0 | q | 90.7 | 3.5 | 4.5 | 1.3 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 12.5 | 75.0 | 12.5 | 0.0 | | 25.6 | 51.4 | 12.5 | 10.3 | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 75.0 | 0.0 | 25.0 | | 2.4 | 73.0 | 22.7 | 1.6 | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 3.8 | 2.4 | 2.9 | 90.9 | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 8.0 | 14.7 | 11.6 | 65.5 | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 12.5 | 12.5 | 25.0 | 50.0 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 37.5 | 12.5 | 12.5 | 37.5 | q | 42.3 | 28.1 | 13.8 | 14.9 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 12.5 | 0.0 | 87.5 | | 4.9 | 9.8 | 7.8 | 77.5 | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 12.5 | 62.5 | 0.0 | | 27.4 | 6.4 | 62.3 | 4.0 | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 75.0 | 25.0 | 0.0 | | 6.0 | 69.9 | 20.0 | 4.0 | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 87.5 | 12.5 | | 1.6 | 0.9 | 85.7 | 11.8 | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.0 | 12.5 | 12.5 | 0.0 | | 59.0 | 13.3 | 8.0 | 19.6 | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 75.0 | 25.0 | 0.0 | | 9.8 | 71.9 | 13.8 | 4.5 | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 1.5 | 6.0 | 8.5 | 84.0 | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 0.0 | 50.0 | 0.0 | | 50.8 | 10.5 | 35.2 | 3.5 | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 37.5 | 37.5 | 0.0 | 25.0 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 37.5 | 62.5 | 0.0 | 0.0 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 25.0 | 25.0 | 25.0 | 25.0 | q | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 75.0 | 12.5 | 12.5 | 0.0 | | 58.3 | 13.3 | 13.6 | 14.7 | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.0 | 62.5 | 12.5 | 0.0 | | 26.9 | 42.8 | 20.3 | 9.6 | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 7.3 | 79.9 | 8.5 | 4.4 | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 37.5 | 25.0 | 37.5 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 12.5 | 0.0 | 87.5 | 0.0 | | 6.9 | 4.2 | 85.7 | 3.3 | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 12.5 | 50.0 | 25.0 | 12.5 | | 30.1 | 41.9 | 18.5 | 9.1 | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 25.0 | 12.5 | 50.0 | 12.5 | | 35.9 | 13.8 | 39.8 | 10.3 | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#153 - Cape John Collegiate, La Scie

Grades: 7-12

| Item | Key | School [N=12] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 25.0 | 16.7 | 41.7 | | Q | 10.0 | 29.4 | 12.7 | 47.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 58.3 | 0.0 | 33.3 | 8.3 | | Q | 37.0 | 6.0 | 41.9 | 15.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 41.7 | 33.3 | 16.7 | 8.3 | | Q | 26.5 | 18.2 | 30.7 | 24.7 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 16.7 | 0.0 | 50.0 | 33.3 | | Q | 9.3 | 1.6 | 77.7 | 11.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 16.7 | 41.7 | 41.7 | | Q | 9.4 | 14.7 | 50.6 | 25.2 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 75.0 | 0.0 | 16.7 | 8.3 | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 8.3 | 83.3 | 8.3 | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 16.7 | 25.0 | 25.0 | 33.3 | | Q | 13.3 | 47.2 | 25.4 | 13.8 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.7 | 83.3 | 0.0 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 50.0 | 16.7 | 0.0 | | Q | 24.3 | 28.0 | 40.5 | 7.1 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 16.7 | 8.3 | 66.7 | 8.3 | | Q | 45.6 | 18.9 | 24.7 | 10.7 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 83.3 | 8.3 | 8.3 | 0.0 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 8.3 | 91.7 | | P | 3.1 | 7.4 | 9.4 | 80.0 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 25.0 | 41.7 | 0.0 | 33.3 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 33.3 | 25.0 | 8.3 | 33.3 | | Q | 48.1 | 13.1 | 5.4 | 33.4 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 66.7 | 8.3 | 8.3 | 16.7 | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 66.7 | 0.0 | 8.3 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 8.3 | 0.0 | 91.7 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 25.0 | 16.7 | 58.3 | | Q | 10.3 | 16.5 | 36.8 | 36.1 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 0.0 | 8.3 | 8.3 | | Q | 85.3 | 6.5 | 5.4 | 2.7 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 8.3 | 50.0 | 25.0 | 16.7 | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 16.7 | 8.3 | 33.3 | 41.7 | | Q | 13.1 | 13.8 | 45.4 | 27.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 41.7 | 0.0 | 50.0 | 8.3 | | Q | 51.2 | 5.8 | 32.9 | 10.2 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 41.7 | 41.7 | 8.3 | 8.3 | | Q | 67.7 | 11.3 | 8.9 | 12.2 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 91.7 | 8.3 | 0.0 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 58.3 | 25.0 | 16.7 | 0.0 | | Q | 25.6 | 51.4 | 12.5 | 10.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 8.3 | 75.0 | 8.3 | 8.3 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 8.3 | 8.3 | 0.0 | 83.3 | | Q | 3.8 | 2.4 | 2.9 | 90.9 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 8.3 | 91.7 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 25.0 | 33.3 | 16.7 | 25.0 | | Q | 17.6 | 8.2 | 43.2 | 30.9 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 33.3 | 66.7 | 0.0 | 0.0 | | Q | 42.3 | 28.1 | 13.8 | 14.9 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 8.3 | 8.3 | 33.3 | 50.0 | | Q | 4.9 | 9.8 | 7.8 | 77.5 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 66.7 | 0.0 | 25.0 | 8.3 | | Q | 27.4 | 6.4 | 62.3 | 4.0 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 16.7 | 66.7 | 8.3 | 8.3 | | Q | 6.0 | 69.9 | 20.0 | 4.0 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 83.3 | 16.7 | | Q | 1.6 | 0.9 | 85.7 | 11.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 25.0 | 16.7 | 8.3 | | Q | 59.0 | 13.3 | 8.0 | 19.6 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 8.3 | 75.0 | 0.0 | 16.7 | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 16.7 | 8.3 | 75.0 | | Q | 1.5 | 6.0 | 8.5 | 84.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 8.3 | 33.3 | 8.3 | | Q | 50.8 | 10.5 | 35.2 | 3.5 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 66.7 | 8.3 | 16.7 | 8.3 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 66.7 | 0.0 | 16.7 | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 58.3 | 16.7 | 8.3 | 16.7 | | P | 25.6 | 27.6 | 14.3 | 32.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 41.7 | 25.0 | 16.7 | 16.7 | | Q | 58.3 | 13.3 | 13.6 | 14.7 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 41.7 | 33.3 | 16.7 | 8.3 | | Q | 26.9 | 42.8 | 20.3 | 9.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 66.7 | 0.0 | 33.3 | | Q | 7.1 | 34.5 | 10.9 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 8.3 | 83.3 | 8.3 | | Q | 6.9 | 4.2 | 85.7 | 3.3 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 33.3 | 58.3 | 8.3 | 0.0 | | Q | 30.1 | 41.9 | 18.5 | 9.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 0.0 | 58.3 | 8.3 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#157 - St. Peter's AG, McCallum

Grades: 1-5,7-12

| Item | Key | School [N=1] | | | | District [N=551] | | | | Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|--------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | q | | 37.0 | 6.0 | 41.9 | 15.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | p | 9.3 | 1.6 | 77.7 | 11.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | p | 9.4 | 14.7 | 50.6 | 25.2 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | p | 20.3 | 74.2 | 3.1 | 2.4 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | p | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | q | | 72.2 | 9.6 | 6.7 | 11.1 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | q | | 5.3 | 17.2 | 7.1 | 70.4 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | q | | 10.3 | 16.5 | 36.8 | 36.1 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | q | | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | p | 3.8 | 2.4 | 2.9 | 90.9 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | q | | 8.0 | 14.7 | 11.6 | 65.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | q | | 1.6 | 0.9 | 85.7 | 11.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | | 59.0 | 13.3 | 8.0 | 19.6 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | q | | 55.9 | 25.6 | 10.0 | 8.5 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | q | | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | q | | 26.9 | 42.8 | 20.3 | 9.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | q | | 7.1 | 34.5 | 10.9 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | q | | 6.9 | 4.2 | 85.7 | 3.3 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | q | | 35.9 | 13.8 | 39.8 | 10.3 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#158 - MSB Regional Academy, Middle Arm

Grades: K-12

| Item | Key | School [N=11] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 9.1 | 27.3 | 18.2 | 36.4 | | Q | 10.0 | 29.4 | 12.7 | 47.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 9.1 | 0.0 | 81.8 | 9.1 | | P | 37.0 | 6.0 | 41.9 | 15.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 9.1 | 0.0 | 63.6 | 27.3 | | P | 26.5 | 18.2 | 30.7 | 24.7 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.1 | 0.0 | 63.6 | 27.3 | | Q | 9.3 | 1.6 | 77.7 | 11.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 18.2 | 18.2 | 63.6 | 0.0 | | P | 9.4 | 14.7 | 50.6 | 25.2 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 36.4 | 0.0 | 0.0 | 63.6 | | Q | 67.5 | 4.9 | 9.3 | 18.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 18.2 | 9.1 | 72.7 | 0.0 | | Q | 3.3 | 4.4 | 82.9 | 9.3 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 45.5 | 18.2 | 18.2 | 18.2 | | Q | 13.3 | 47.2 | 25.4 | 13.8 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 27.3 | 63.6 | 9.1 | 0.0 | | Q | 20.3 | 74.2 | 3.1 | 2.4 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 18.2 | 18.2 | 54.6 | 9.1 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 27.3 | 36.4 | 9.1 | 27.3 | | Q | 45.6 | 18.9 | 24.7 | 10.7 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 54.6 | 9.1 | 27.3 | 9.1 | | Q | 72.2 | 9.6 | 6.7 | 11.1 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 9.1 | 18.2 | 18.2 | 54.6 | | Q | 3.1 | 7.4 | 9.4 | 80.0 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 36.4 | 9.1 | 36.4 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 36.4 | 36.4 | 18.2 | 9.1 | | Q | 48.1 | 13.1 | 5.4 | 33.4 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 54.6 | 0.0 | 27.3 | 18.2 | | Q | 65.9 | 12.3 | 9.8 | 11.6 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.3 | 63.6 | 9.1 | 0.0 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 18.2 | 18.2 | 63.6 | | Q | 10.3 | 16.5 | 36.8 | 36.1 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 81.8 | 9.1 | 0.0 | 9.1 | | Q | 85.3 | 6.5 | 5.4 | 2.7 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.1 | 27.3 | 45.5 | 18.2 | | Q | 16.2 | 41.4 | 29.8 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.2 | 18.2 | 27.3 | 36.4 | | Q | 13.1 | 13.8 | 45.4 | 27.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 27.3 | 9.1 | 45.5 | 18.2 | | Q | 51.2 | 5.8 | 32.9 | 10.2 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 54.6 | 18.2 | 9.1 | 18.2 | | Q | 67.7 | 11.3 | 8.9 | 12.2 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.9 | 9.1 | 0.0 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 9.1 | 45.5 | 36.4 | 9.1 | | Q | 25.6 | 51.4 | 12.5 | 10.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 81.8 | 18.2 | 0.0 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 9.1 | 90.9 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 9.1 | 90.9 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 18.2 | 0.0 | 54.6 | 27.3 | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 36.4 | 18.2 | 18.2 | 18.2 | | Q | 42.3 | 28.1 | 13.8 | 14.9 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 27.3 | 9.1 | 63.6 | | Q | 4.9 | 9.8 | 7.8 | 77.5 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 36.4 | 0.0 | 63.6 | 0.0 | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 54.6 | 18.2 | 27.3 | | Q | 6.0 | 69.9 | 20.0 | 4.0 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 90.9 | 9.1 | | P | 1.6 | 0.9 | 85.7 | 11.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 63.6 | 18.2 | 9.1 | 9.1 | | P | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 36.4 | 36.4 | 27.3 | 0.0 | | Q | 9.8 | 71.9 | 13.8 | 4.5 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 18.2 | 9.1 | 72.7 | | Q | 1.5 | 6.0 | 8.5 | 84.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 45.5 | 9.1 | 45.5 | 0.0 | | P | 50.8 | 10.5 | 35.2 | 3.5 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 63.6 | 36.4 | 0.0 | 0.0 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.1 | 45.5 | 36.4 | 9.1 | | Q | 12.7 | 65.2 | 13.6 | 8.5 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 27.3 | 27.3 | 18.2 | 27.3 | | P | 25.6 | 27.6 | 14.3 | 32.1 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 45.5 | 9.1 | 18.2 | 27.3 | | Q | 58.3 | 13.3 | 13.6 | 14.7 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 18.2 | 54.6 | 9.1 | 18.2 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 18.2 | 63.6 | 9.1 | 9.1 | | Q | 7.3 | 79.9 | 8.5 | 4.4 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 9.1 | 27.3 | 0.0 | 63.6 | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 9.1 | 81.8 | 0.0 | | Q | 6.9 | 4.2 | 85.7 | 3.3 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 54.6 | 27.3 | 18.2 | 0.0 | | Q | 30.1 | 41.9 | 18.5 | 9.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 27.3 | 18.2 | 54.6 | 0.0 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#162 - Dorset Collegiate, Pilley's Island

Grades: 9-12

| Item | Key | School [N=11] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 2.4 | 93.5 | 2.7 | 1.5 | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 9.1 | 36.4 | 0.0 | 54.6 | | 10.0 | 29.4 | 12.7 | 47.7 | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 45.5 | 36.4 | 18.2 | 0.0 | q | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 9.1 | 0.0 | 54.6 | 36.4 | | 26.5 | 18.2 | 30.7 | 24.7 | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 90.9 | 9.1 | | 9.3 | 1.6 | 77.7 | 11.4 | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 9.1 | 63.6 | 27.3 | | 9.4 | 14.7 | 50.6 | 25.2 | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 45.5 | 9.1 | 0.0 | 45.5 | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 18.2 | 63.6 | 18.2 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 54.6 | 9.1 | 36.4 | | 13.3 | 47.2 | 25.4 | 13.8 | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 27.3 | 72.7 | 0.0 | 0.0 | q | 20.3 | 74.2 | 3.1 | 2.4 | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 18.2 | 45.5 | 36.4 | 0.0 | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 45.5 | 36.4 | 18.2 | 0.0 | | 45.6 | 18.9 | 24.7 | 10.7 | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 72.7 | 9.1 | 0.0 | 18.2 | | 72.2 | 9.6 | 6.7 | 11.1 | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 18.2 | 81.8 | | 3.1 | 7.4 | 9.4 | 80.0 | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 36.4 | 0.0 | 36.4 | | 23.6 | 30.0 | 12.2 | 34.1 | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 81.8 | 9.1 | 9.1 | 0.0 | | 48.1 | 13.1 | 5.4 | 33.4 | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 72.7 | 18.2 | 9.1 | 0.0 | | 65.9 | 12.3 | 9.8 | 11.6 | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 54.6 | 27.3 | 18.2 | 0.0 | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 9.1 | 0.0 | 90.9 | | 5.3 | 17.2 | 7.1 | 70.4 | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 9.1 | 9.1 | 9.1 | 72.7 | q | 10.3 | 16.5 | 36.8 | 36.1 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 85.3 | 6.5 | 5.4 | 2.7 | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 27.3 | 45.5 | 27.3 | 0.0 | | 16.2 | 41.4 | 29.8 | 12.7 | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 9.1 | 90.9 | 0.0 | | 13.1 | 13.8 | 45.4 | 27.8 | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 63.6 | 0.0 | 36.4 | 0.0 | | 51.2 | 5.8 | 32.9 | 10.2 | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 67.7 | 11.3 | 8.9 | 12.2 | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | 90.7 | 3.5 | 4.5 | 1.3 | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 18.2 | 45.5 | 27.3 | 9.1 | q | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 72.7 | 27.3 | 0.0 | q | 2.4 | 73.0 | 22.7 | 1.6 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 9.1 | 90.9 | | 3.8 | 2.4 | 2.9 | 90.9 | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.1 | 0.0 | 18.2 | 72.7 | | 8.0 | 14.7 | 11.6 | 65.5 | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 27.3 | 0.0 | 54.6 | 18.2 | | 17.6 | 8.2 | 43.2 | 30.9 | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 45.5 | 27.3 | 9.1 | 9.1 | | 42.3 | 28.1 | 13.8 | 14.9 | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 4.9 | 9.8 | 7.8 | 77.5 | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 0.0 | 9.1 | 90.9 | 0.0 | | 27.4 | 6.4 | 62.3 | 4.0 | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 72.7 | 27.3 | 0.0 | | 6.0 | 69.9 | 20.0 | 4.0 | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 90.9 | 9.1 | | 1.6 | 0.9 | 85.7 | 11.8 | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 45.5 | 9.1 | 0.0 | 36.4 | q | 59.0 | 13.3 | 8.0 | 19.6 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 90.9 | 9.1 | 0.0 | | 9.8 | 71.9 | 13.8 | 4.5 | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | 1.5 | 6.0 | 8.5 | 84.0 | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 63.6 | 0.0 | 36.4 | 0.0 | | 50.8 | 10.5 | 35.2 | 3.5 | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 45.5 | 36.4 | 9.1 | 9.1 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.2 | 54.6 | 27.3 | 0.0 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 27.3 | 45.5 | 9.1 | 18.2 | | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 27.3 | 36.4 | 36.4 | 0.0 | q | 58.3 | 13.3 | 13.6 | 14.7 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 45.5 | 36.4 | 9.1 | 9.1 | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 7.3 | 79.9 | 8.5 | 4.4 | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 18.2 | 18.2 | 63.6 | | 7.1 | 34.5 | 10.9 | 47.2 | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 9.1 | 90.9 | 0.0 | | 6.9 | 4.2 | 85.7 | 3.3 | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 18.2 | 54.6 | 27.3 | 0.0 | | 30.1 | 41.9 | 18.5 | 9.1 | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 45.5 | 0.0 | 36.4 | 18.2 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#163 - Point Leamington Academy, Point Leamington

Grades: K-12

| Item | Key | School [N=20] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 95.0 | 5.0 | 0.0 | p | 2.4 | 93.5 | 2.7 | 1.5 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 15.0 | 20.0 | 65.0 | p | 10.0 | 29.4 | 12.7 | 47.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.0 | 0.0 | 60.0 | 15.0 | p | 37.0 | 6.0 | 41.9 | 15.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 10.0 | 30.0 | 35.0 | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.0 | 0.0 | 75.0 | 15.0 | q | 9.3 | 1.6 | 77.7 | 11.4 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.0 | 0.0 | 80.0 | 10.0 | p | 9.4 | 14.7 | 50.6 | 25.2 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 55.0 | 15.0 | 25.0 | 5.0 | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.0 | 5.0 | 80.0 | 10.0 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 65.0 | 35.0 | 0.0 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 15.0 | 80.0 | 0.0 | 5.0 | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.0 | 35.0 | 35.0 | 10.0 | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 10.0 | 20.0 | 5.0 | p | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 65.0 | 15.0 | 0.0 | 15.0 | q | 72.2 | 9.6 | 6.7 | 11.1 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.0 | 0.0 | 20.0 | 75.0 | q | 3.1 | 7.4 | 9.4 | 80.0 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 30.0 | 35.0 | 15.0 | 20.0 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 40.0 | 10.0 | 5.0 | 45.0 | q | 48.1 | 13.1 | 5.4 | 33.4 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 80.0 | 20.0 | 0.0 | 0.0 | p | 65.9 | 12.3 | 9.8 | 11.6 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.0 | 70.0 | 0.0 | 0.0 | p | 29.4 | 55.5 | 11.4 | 3.5 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 15.0 | 30.0 | 10.0 | 45.0 | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 15.0 | 15.0 | 55.0 | 15.0 | p | 10.3 | 16.5 | 36.8 | 36.1 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 75.0 | 15.0 | 5.0 | 5.0 | q | 85.3 | 6.5 | 5.4 | 2.7 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 10.0 | 65.0 | 15.0 | 10.0 | p | 16.2 | 41.4 | 29.8 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 20.0 | 5.0 | 55.0 | 20.0 | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 55.0 | 0.0 | 25.0 | 20.0 | p | 51.2 | 5.8 | 32.9 | 10.2 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.0 | 5.0 | 20.0 | 10.0 | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 20.0 | 60.0 | 15.0 | 5.0 | p | 25.6 | 51.4 | 12.5 | 10.3 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 75.0 | 25.0 | 0.0 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.0 | 10.0 | 30.0 | 50.0 | q | 8.0 | 14.7 | 11.6 | 65.5 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 10.0 | 20.0 | 15.0 | 50.0 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 25.0 | 40.0 | 15.0 | 15.0 | q | 42.3 | 28.1 | 13.8 | 14.9 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 15.0 | 10.0 | 10.0 | 65.0 | q | 4.9 | 9.8 | 7.8 | 77.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 20.0 | 10.0 | 60.0 | 10.0 | q | 27.4 | 6.4 | 62.3 | 4.0 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 10.0 | 65.0 | 25.0 | 0.0 | q | 6.0 | 69.9 | 20.0 | 4.0 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 90.0 | 10.0 | p | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 60.0 | 10.0 | 15.0 | 15.0 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 85.0 | 15.0 | 0.0 | p | 9.8 | 71.9 | 13.8 | 4.5 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 5.0 | 10.0 | 30.0 | 55.0 | q | 1.5 | 6.0 | 8.5 | 84.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.0 | 5.0 | 15.0 | 10.0 | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 40.0 | 30.0 | 10.0 | 20.0 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 20.0 | 45.0 | 15.0 | 20.0 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 35.0 | 30.0 | 10.0 | 25.0 | p | 25.6 | 27.6 | 14.3 | 32.1 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 35.0 | 25.0 | 15.0 | 25.0 | q | 58.3 | 13.3 | 13.6 | 14.7 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 20.0 | 45.0 | 35.0 | 0.0 | p | 26.9 | 42.8 | 20.3 | 9.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.0 | 50.0 | 35.0 | 10.0 | q | 7.3 | 79.9 | 8.5 | 4.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 10.0 | 50.0 | 25.0 | 15.0 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 20.0 | 0.0 | 70.0 | 10.0 | q | 6.9 | 4.2 | 85.7 | 3.3 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 25.0 | 40.0 | 15.0 | 20.0 | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 35.0 | 35.0 | 15.0 | 15.0 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#165 - St. Stephen's AG, Rencontre East

Grades: K-5,7-12

| Item | Key | School [N=2] | | | | District [N=551] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|------|------|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 10.0 | 29.4 | 12.7 | 47.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 37.0 | 6.0 | 41.9 | 15.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | P | 9.4 | 14.7 | 50.6 | 25.2 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 | | | | |
| 8. | C | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 | | | | |
| 9. | B | | q | 13.3 | 47.2 | 25.4 | 13.8 | | q | 15.0 | 47.0 | 21.8 | 15.8 | | | | |
| 10. | B | | q | 20.3 | 74.2 | 3.1 | 2.4 | | q | 20.3 | 72.4 | 4.9 | 2.4 | | | | |
| 11. | C | | q | 24.3 | 28.0 | 40.5 | 7.1 | | q | 29.2 | 26.2 | 37.2 | 7.3 | | | | |
| 12. | A | | q | 45.6 | 18.9 | 24.7 | 10.7 | | q | 44.2 | 19.9 | 25.5 | 9.9 | | | | |
| 13. | A | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 | | | | |
| 14. | D | | q | 3.1 | 7.4 | 9.4 | 80.0 | | q | 3.2 | 6.8 | 8.8 | 81.2 | | | | |
| 15. | B | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 | | | | |
| 16. | A | | P | 48.1 | 13.1 | 5.4 | 33.4 | | P | 46.5 | 14.1 | 6.7 | 32.6 | | | | |
| 17. | A | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 | | | | |
| 18. | B | | q | 29.4 | 55.5 | 11.4 | 3.5 | | q | 28.2 | 52.0 | 15.0 | 4.7 | | | | |
| 19. | D | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 | | | | |
| 20. | C | | P | 10.3 | 16.5 | 36.8 | 36.1 | | P | 10.6 | 20.6 | 35.1 | 33.6 | | | | |
| 21. | A | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 | | | | |
| 22. | B | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 | | | | |
| 23. | C | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 | | | | |
| 24. | A | | q | 51.2 | 5.8 | 32.9 | 10.2 | | q | 48.2 | 6.8 | 32.8 | 12.1 | | | | |
| 25. | A | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 | | | | |
| 26. | A | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 | | | | |
| 27. | B | | q | 25.6 | 51.4 | 12.5 | 10.3 | | q | 24.1 | 53.1 | 10.9 | 11.8 | | | | |
| 28. | B | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 | | | | |
| 29. | D | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 | | | | |
| 30. | D | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 | | | | |
| 31. | C | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 | | | | |
| 32. | A | | P | 42.3 | 28.1 | 13.8 | 14.9 | | P | 44.1 | 28.2 | 14.2 | 12.8 | | | | |
| 33. | D | | P | 4.9 | 9.8 | 7.8 | 77.5 | | P | 4.2 | 10.6 | 7.4 | 77.7 | | | | |
| 34. | C | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 | | | | |
| 35. | B | | q | 6.0 | 69.9 | 20.0 | 4.0 | | q | 6.2 | 67.0 | 22.2 | 4.3 | | | | |
| 36. | C | | P | 1.6 | 0.9 | 85.7 | 11.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 | | | | |
| 37. | A | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 | | | | |
| 38. | B | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 | | | | |
| 39. | D | | q | 1.5 | 6.0 | 8.5 | 84.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 | | | | |
| 40. | C | | q | 50.8 | 10.5 | 35.2 | 3.5 | | q | 49.8 | 10.4 | 34.5 | 5.1 | | | | |
| 41. | A | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 | | | | |
| 42. | B | | q | 12.7 | 65.2 | 13.6 | 8.5 | | q | 12.0 | 63.0 | 13.8 | 11.0 | | | | |
| 43. | A | | P | 25.6 | 27.6 | 14.3 | 32.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 | | | | |
| 44. | A | | q | 58.3 | 13.3 | 13.6 | 14.7 | | q | 54.9 | 13.3 | 13.4 | 18.1 | | | | |
| 45. | B | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 | | | | |
| 46. | B | | q | 7.3 | 79.9 | 8.5 | 4.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 | | | | |
| 47. | D | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 | | | | |
| 48. | C | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 | | | | |
| 49. | C | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 | | | | |
| 50. | C | | q | 35.9 | 13.8 | 39.8 | 10.3 | | q | 36.6 | 12.7 | 39.2 | 10.8 | | | | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#171 - Indian River High School, Springdale

Grades: 9-12

| Item | Key | School [N=14] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 92.9 | 0.0 | 7.1 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.1 | 35.7 | 14.3 | 42.9 | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 21.4 | 7.1 | 57.1 | 14.3 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.4 | 35.7 | 42.9 | 0.0 | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 7.1 | 0.0 | 85.7 | 7.1 | | p | 9.3 | 1.6 | 77.7 | 11.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 28.6 | 7.1 | 50.0 | 14.3 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 35.7 | 21.4 | 21.4 | 21.4 | q | | 67.5 | 4.9 | 9.3 | 18.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 7.1 | 92.9 | 0.0 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 21.4 | 50.0 | 28.6 | 0.0 | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 21.4 | 71.4 | 7.1 | 0.0 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 28.6 | 50.0 | 14.3 | 7.1 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 35.7 | 7.1 | 42.9 | 14.3 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 21.4 | 14.3 | 28.6 | 35.7 | q | | 72.2 | 9.6 | 6.7 | 11.1 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 14.3 | 21.4 | 0.0 | 64.3 | q | | 3.1 | 7.4 | 9.4 | 80.0 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 35.7 | 14.3 | 21.4 | 28.6 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 57.1 | 7.1 | 7.1 | 28.6 | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.4 | 21.4 | 0.0 | 7.1 | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 50.0 | 28.6 | 14.3 | 7.1 | q | | 29.4 | 55.5 | 11.4 | 3.5 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.1 | 14.3 | 7.1 | 71.4 | | p | 5.3 | 17.2 | 7.1 | 70.4 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 28.6 | 35.7 | 21.4 | 14.3 | q | | 10.3 | 16.5 | 36.8 | 36.1 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 92.9 | 0.0 | 7.1 | 0.0 | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 14.3 | 35.7 | 50.0 | 0.0 | q | | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 7.1 | 28.6 | 35.7 | 28.6 | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 64.3 | 0.0 | 21.4 | 14.3 | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 71.4 | 7.1 | 0.0 | 21.4 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 78.6 | 0.0 | 7.1 | 14.3 | q | | 90.7 | 3.5 | 4.5 | 1.3 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 35.7 | 0.0 | 14.3 | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 57.1 | 42.9 | 0.0 | q | | 2.4 | 73.0 | 22.7 | 1.6 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 7.1 | 7.1 | 85.7 | q | | 3.8 | 2.4 | 2.9 | 90.9 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 21.4 | 7.1 | 71.4 | | p | 8.0 | 14.7 | 11.6 | 65.5 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 7.1 | 50.0 | 42.9 | | p | 17.6 | 8.2 | 43.2 | 30.9 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 35.7 | 50.0 | 7.1 | 7.1 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.1 | 7.1 | 21.4 | 64.3 | q | | 4.9 | 9.8 | 7.8 | 77.5 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 21.4 | 14.3 | 57.1 | 7.1 | q | | 27.4 | 6.4 | 62.3 | 4.0 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 14.3 | 71.4 | 7.1 | 7.1 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 7.1 | 0.0 | 71.4 | 21.4 | q | | 1.6 | 0.9 | 85.7 | 11.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 42.9 | 35.7 | 0.0 | 21.4 | q | | 59.0 | 13.3 | 8.0 | 19.6 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.1 | 78.6 | 7.1 | 7.1 | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 14.3 | 14.3 | 71.4 | q | | 1.5 | 6.0 | 8.5 | 84.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 71.4 | 7.1 | 14.3 | 7.1 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.1 | 28.6 | 14.3 | 0.0 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 21.4 | 50.0 | 21.4 | 7.1 | q | | 12.7 | 65.2 | 13.6 | 8.5 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 28.6 | 21.4 | 7.1 | 42.9 | | p | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 57.1 | 7.1 | 28.6 | 7.1 | q | | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.6 | 14.3 | 50.0 | 7.1 | q | | 26.9 | 42.8 | 20.3 | 9.6 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 21.4 | 57.1 | 14.3 | 7.1 | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.1 | 50.0 | 7.1 | 35.7 | q | | 7.1 | 34.5 | 10.9 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 6.9 | 4.2 | 85.7 | 3.3 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 42.9 | 7.1 | 21.4 | 28.6 | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 7.1 | 28.6 | 14.3 | q | | 35.9 | 13.8 | 39.8 | 10.3 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#174 - St. Peter's Academy, Westport

Grades: K,1,3-6,9-12

| Item | Key | School [N=2] | | | | District [N=551] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|------|------|------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | p | 26.5 | 18.2 | 30.7 | 24.7 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 | | | | |
| 7. | A | | q | 67.5 | 4.9 | 9.3 | 18.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 | | | | |
| 8. | C | | q | 3.3 | 4.4 | 82.9 | 9.3 | | q | 3.1 | 4.1 | 82.6 | 10.1 | | | | |
| 9. | B | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 | | | | |
| 10. | B | | p | 20.3 | 74.2 | 3.1 | 2.4 | | p | 20.3 | 72.4 | 4.9 | 2.4 | | | | |
| 11. | C | | p | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 | | | | |
| 12. | A | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 | | | | |
| 13. | A | | q | 72.2 | 9.6 | 6.7 | 11.1 | | q | 67.3 | 11.0 | 10.4 | 11.2 | | | | |
| 14. | D | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 | | | | |
| 15. | B | | p | 23.6 | 30.0 | 12.2 | 34.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 | | | | |
| 16. | A | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 | | | | |
| 17. | A | | q | 65.9 | 12.3 | 9.8 | 11.6 | | q | 63.9 | 10.4 | 10.4 | 14.8 | | | | |
| 18. | B | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 | | | | |
| 19. | D | | p | 5.3 | 17.2 | 7.1 | 70.4 | | p | 5.7 | 15.5 | 9.1 | 69.7 | | | | |
| 20. | C | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 | | | | |
| 21. | A | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 | | | | |
| 22. | B | | p | 16.2 | 41.4 | 29.8 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 | | | | |
| 23. | C | | p | 13.1 | 13.8 | 45.4 | 27.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 | | | | |
| 24. | A | | q | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 | | | | |
| 25. | A | | q | 67.7 | 11.3 | 8.9 | 12.2 | | q | 67.5 | 10.1 | 9.7 | 12.8 | | | | |
| 26. | A | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 | | | | |
| 27. | B | | q | 25.6 | 51.4 | 12.5 | 10.3 | | q | 24.1 | 53.1 | 10.9 | 11.8 | | | | |
| 28. | B | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 | | | | |
| 29. | D | | q | 3.8 | 2.4 | 2.9 | 90.9 | | q | 4.1 | 3.2 | 3.4 | 89.3 | | | | |
| 30. | D | | q | 8.0 | 14.7 | 11.6 | 65.5 | | q | 9.7 | 16.5 | 10.7 | 62.9 | | | | |
| 31. | C | | q | 17.6 | 8.2 | 43.2 | 30.9 | | q | 18.3 | 9.1 | 46.4 | 26.0 | | | | |
| 32. | A | | p | 42.3 | 28.1 | 13.8 | 14.9 | | p | 44.1 | 28.2 | 14.2 | 12.8 | | | | |
| 33. | D | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 | | | | |
| 34. | C | | q | 27.4 | 6.4 | 62.3 | 4.0 | | q | 25.6 | 7.6 | 61.2 | 5.5 | | | | |
| 35. | B | | q | 6.0 | 69.9 | 20.0 | 4.0 | | q | 6.2 | 67.0 | 22.2 | 4.3 | | | | |
| 36. | C | | q | 1.6 | 0.9 | 85.7 | 11.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 | | | | |
| 37. | A | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 | | | | |
| 38. | B | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 | | | | |
| 39. | D | | q | 1.5 | 6.0 | 8.5 | 84.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 | | | | |
| 40. | C | | p | 50.8 | 10.5 | 35.2 | 3.5 | | p | 49.8 | 10.4 | 34.5 | 5.1 | | | | |
| 41. | A | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 | | | | |
| 42. | B | | q | 12.7 | 65.2 | 13.6 | 8.5 | | q | 12.0 | 63.0 | 13.8 | 11.0 | | | | |
| 43. | A | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 | | | | |
| 44. | A | | p | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 | | | | |
| 45. | B | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 | | | | |
| 46. | B | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 | | | | |
| 47. | D | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 | | | | |
| 48. | C | | q | 6.9 | 4.2 | 85.7 | 3.3 | | q | 8.4 | 3.8 | 84.6 | 3.1 | | | | |
| 49. | C | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 | | | | |
| 50. | C | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 | | | | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#178 - Carmanville School Complex, Carmanville

Grades: K-12

| Item | Key | School [N=7] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 28.6 | 14.3 | 57.1 | | P | 10.0 | 29.4 | 12.7 | 47.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 28.6 | 0.0 | 42.9 | 28.6 | | P | 37.0 | 6.0 | 41.9 | 15.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 42.9 | 14.3 | 28.6 | 14.3 | | Q | 26.5 | 18.2 | 30.7 | 24.7 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 28.6 | 0.0 | 57.1 | 14.3 | | Q | 9.3 | 1.6 | 77.7 | 11.4 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 14.3 | 0.0 | 57.1 | 28.6 | | P | 9.4 | 14.7 | 50.6 | 25.2 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 28.6 | 0.0 | 28.6 | 42.9 | | Q | 67.5 | 4.9 | 9.3 | 18.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 14.3 | 0.0 | 57.1 | 28.6 | | Q | 3.3 | 4.4 | 82.9 | 9.3 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 28.6 | 14.3 | 42.9 | 14.3 | | Q | 13.3 | 47.2 | 25.4 | 13.8 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 85.7 | 14.3 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 14.3 | 57.1 | 14.3 | 14.3 | | Q | 24.3 | 28.0 | 40.5 | 7.1 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.9 | 28.6 | 14.3 | 14.3 | | Q | 45.6 | 18.9 | 24.7 | 10.7 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 71.4 | 14.3 | 0.0 | 14.3 | | Q | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 14.3 | 14.3 | 71.4 | | Q | 3.1 | 7.4 | 9.4 | 80.0 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 0.0 | 42.9 | 14.3 | 42.9 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 42.9 | 14.3 | 14.3 | 28.6 | | Q | 48.1 | 13.1 | 5.4 | 33.4 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 57.1 | 0.0 | 14.3 | 28.6 | | Q | 65.9 | 12.3 | 9.8 | 11.6 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 28.6 | 71.4 | 0.0 | 0.0 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 14.3 | 14.3 | 71.4 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 14.3 | 28.6 | 57.1 | | Q | 10.3 | 16.5 | 36.8 | 36.1 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 71.4 | 0.0 | 28.6 | 0.0 | | Q | 85.3 | 6.5 | 5.4 | 2.7 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 14.3 | 57.1 | 28.6 | 0.0 | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 28.6 | 14.3 | 42.9 | 14.3 | | Q | 13.1 | 13.8 | 45.4 | 27.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 14.3 | 28.6 | 57.1 | 0.0 | | Q | 51.2 | 5.8 | 32.9 | 10.2 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 71.4 | 0.0 | 0.0 | 28.6 | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 85.7 | 0.0 | 14.3 | 0.0 | | Q | 90.7 | 3.5 | 4.5 | 1.3 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 42.9 | 42.9 | 0.0 | 14.3 | | Q | 25.6 | 51.4 | 12.5 | 10.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 14.3 | 71.4 | 14.3 | 0.0 | | Q | 2.4 | 73.0 | 22.7 | 1.6 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 14.3 | 28.6 | 0.0 | 57.1 | | Q | 8.0 | 14.7 | 11.6 | 65.5 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 42.9 | 57.1 | 0.0 | 0.0 | | P | 42.3 | 28.1 | 13.8 | 14.9 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 14.3 | 28.6 | 57.1 | | Q | 4.9 | 9.8 | 7.8 | 77.5 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 42.9 | 14.3 | 42.9 | 0.0 | | Q | 27.4 | 6.4 | 62.3 | 4.0 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 14.3 | 57.1 | 0.0 | 28.6 | | Q | 6.0 | 69.9 | 20.0 | 4.0 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 71.4 | 28.6 | | Q | 1.6 | 0.9 | 85.7 | 11.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 28.6 | 14.3 | 42.9 | 14.3 | | Q | 59.0 | 13.3 | 8.0 | 19.6 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 57.1 | 28.6 | 0.0 | | Q | 9.8 | 71.9 | 13.8 | 4.5 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 14.3 | 28.6 | 57.1 | | Q | 1.5 | 6.0 | 8.5 | 84.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 85.7 | 0.0 | 14.3 | 0.0 | | Q | 50.8 | 10.5 | 35.2 | 3.5 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.1 | 28.6 | 0.0 | 14.3 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 42.9 | 28.6 | 28.6 | | Q | 12.7 | 65.2 | 13.6 | 8.5 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 42.9 | 28.6 | 0.0 | 28.6 | | P | 25.6 | 27.6 | 14.3 | 32.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 57.1 | 14.3 | 14.3 | 14.3 | | Q | 58.3 | 13.3 | 13.6 | 14.7 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 14.3 | 42.9 | 42.9 | 0.0 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 14.3 | 42.9 | 42.9 | 0.0 | | Q | 7.3 | 79.9 | 8.5 | 4.4 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 42.9 | 28.6 | 28.6 | | Q | 7.1 | 34.5 | 10.9 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 14.3 | 0.0 | 57.1 | 28.6 | | Q | 6.9 | 4.2 | 85.7 | 3.3 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 28.6 | 28.6 | 42.9 | 0.0 | | P | 30.1 | 41.9 | 18.5 | 9.1 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 14.3 | 14.3 | 57.1 | 14.3 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#180 - A. R. Scammell Academy, Change Islands

Grades: 1-12

| Item | Key | School [N=3] | | | | District [N=551] | | | | School Below Above Province [N=3,499] | | | | | |
|------|-----|---|---|---|---|------------------|------|------|------|---------------------------------------|---|------|------|------|------|
| | | A | B | C | D | A | B | C | D | A | B | C | D | | |
| 1. | B | | | | | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | p | 10.0 | 29.4 | 12.7 | 47.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | q | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | q | 9.3 | 1.6 | 77.7 | 11.4 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | p | 9.4 | 14.7 | 50.6 | 25.2 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | p | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | q | 72.2 | 9.6 | 6.7 | 11.1 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | p | 3.1 | 7.4 | 9.4 | 80.0 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | q | 23.6 | 30.0 | 12.2 | 34.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | q | 48.1 | 13.1 | 5.4 | 33.4 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | q | 65.9 | 12.3 | 9.8 | 11.6 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | p | 10.3 | 16.5 | 36.8 | 36.1 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | p | 16.2 | 41.4 | 29.8 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | q | 51.2 | 5.8 | 32.9 | 10.2 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | q | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | q | 2.4 | 73.0 | 22.7 | 1.6 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | p | 8.0 | 14.7 | 11.6 | 65.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | p | 42.3 | 28.1 | 13.8 | 14.9 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | p | 4.9 | 9.8 | 7.8 | 77.5 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | p | 27.4 | 6.4 | 62.3 | 4.0 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | q | 6.0 | 69.9 | 20.0 | 4.0 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | q | 1.6 | 0.9 | 85.7 | 11.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | q | 59.0 | 13.3 | 8.0 | 19.6 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | q | 9.8 | 71.9 | 13.8 | 4.5 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | p | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | p | 12.7 | 65.2 | 13.6 | 8.5 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | p | 25.6 | 27.6 | 14.3 | 32.1 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | q | 58.3 | 13.3 | 13.6 | 14.7 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | q | 7.3 | 79.9 | 8.5 | 4.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | q | 6.9 | 4.2 | 85.7 | 3.3 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | p | 35.9 | 13.8 | 39.8 | 10.3 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#187 - Jane Collins Academy, Hare Bay

Grades: 9-12

| Item | Key | School [N=12] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 91.7 | 0.0 | 8.3 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 33.3 | 0.0 | 8.3 | 58.3 | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.0 | 0.0 | 41.7 | 33.3 | q | | 37.0 | 6.0 | 41.9 | 15.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 25.0 | 41.7 | 8.3 | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 75.0 | 25.0 | q | | 9.3 | 1.6 | 77.7 | 11.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 8.3 | 16.7 | 41.7 | 33.3 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 33.3 | 16.7 | 25.0 | 25.0 | q | | 67.5 | 4.9 | 9.3 | 18.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 8.3 | 41.7 | 41.7 | 8.3 | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 41.7 | 41.7 | 8.3 | 8.3 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 41.7 | 16.7 | 8.3 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 41.7 | 50.0 | 8.3 | 0.0 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.0 | 16.7 | 0.0 | 8.3 | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 8.3 | 0.0 | 8.3 | 83.3 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 50.0 | 0.0 | 33.3 | 16.7 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 33.3 | 8.3 | 0.0 | 58.3 | q | | 48.1 | 13.1 | 5.4 | 33.4 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 58.3 | 33.3 | 8.3 | 0.0 | q | | 65.9 | 12.3 | 9.8 | 11.6 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 33.3 | 58.3 | 8.3 | 0.0 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 25.0 | 8.3 | 66.7 | q | | 5.3 | 17.2 | 7.1 | 70.4 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 16.7 | 50.0 | 33.3 | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 0.0 | 16.7 | 0.0 | q | | 85.3 | 6.5 | 5.4 | 2.7 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 16.7 | 33.3 | 41.7 | 8.3 | q | | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 33.3 | 8.3 | 41.7 | 16.7 | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 0.0 | 16.7 | 33.3 | q | | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 41.7 | 8.3 | 33.3 | 16.7 | q | | 67.7 | 11.3 | 8.9 | 12.2 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 91.7 | 0.0 | 0.0 | 8.3 | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 41.7 | 16.7 | 8.3 | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 33.3 | 0.0 | q | | 2.4 | 73.0 | 22.7 | 1.6 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 8.3 | 16.7 | 75.0 | q | | 3.8 | 2.4 | 2.9 | 90.9 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 16.7 | 25.0 | 25.0 | 33.3 | q | | 8.0 | 14.7 | 11.6 | 65.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 25.0 | 8.3 | 25.0 | 41.7 | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 41.7 | 16.7 | 25.0 | 16.7 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 33.3 | 0.0 | 66.7 | q | | 4.9 | 9.8 | 7.8 | 77.5 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 16.7 | 8.3 | 66.7 | 8.3 | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 8.3 | 75.0 | 16.7 | 0.0 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 83.3 | 16.7 | q | | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.0 | 16.7 | 0.0 | 8.3 | | p | 59.0 | 13.3 | 8.0 | 19.6 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 25.0 | 75.0 | 0.0 | 0.0 | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 8.3 | 91.7 | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 66.7 | 0.0 | 25.0 | 8.3 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 16.7 | 16.7 | 16.7 | q | | 55.9 | 25.6 | 10.0 | 8.5 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 33.3 | 41.7 | 8.3 | 16.7 | q | | 12.7 | 65.2 | 13.6 | 8.5 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 8.3 | 16.7 | 16.7 | 58.3 | q | | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 83.3 | 8.3 | 0.0 | 8.3 | | p | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.0 | 50.0 | 25.0 | 0.0 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 8.3 | 75.0 | 8.3 | 8.3 | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 33.3 | 16.7 | 50.0 | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 8.3 | 91.7 | 0.0 | | p | 6.9 | 4.2 | 85.7 | 3.3 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 25.0 | 50.0 | 8.3 | 16.7 | q | | 30.1 | 41.9 | 18.5 | 9.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 25.0 | 16.7 | 8.3 | q | | 35.9 | 13.8 | 39.8 | 10.3 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#190 - Lewisporte Collegiate, Lewisporte

Grades: 10-12

| Item | Key | School [N=44] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 97.7 | 0.0 | 2.3 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.4 | 34.1 | 9.1 | 45.5 | | q | 10.0 | 29.4 | 12.7 | 47.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 4.6 | 31.8 | 13.6 | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 25.0 | 13.6 | 40.9 | 20.5 | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 2.3 | 2.3 | 86.4 | 9.1 | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 11.4 | 9.1 | 52.3 | 27.3 | | P | 9.4 | 14.7 | 50.6 | 25.2 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 68.2 | 0.0 | 9.1 | 22.7 | | P | 67.5 | 4.9 | 9.3 | 18.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 88.6 | 11.4 | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 20.5 | 52.3 | 22.7 | 4.6 | | P | 13.3 | 47.2 | 25.4 | 13.8 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 22.7 | 77.3 | 0.0 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.5 | 22.7 | 45.5 | 11.4 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 43.2 | 18.2 | 31.8 | 6.8 | | q | 45.6 | 18.9 | 24.7 | 10.7 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 77.3 | 4.6 | 9.1 | 9.1 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 6.8 | 6.8 | 4.6 | 81.8 | | P | 3.1 | 7.4 | 9.4 | 80.0 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 45.5 | 9.1 | 27.3 | | P | 23.6 | 30.0 | 12.2 | 34.1 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 36.4 | 15.9 | 6.8 | 40.9 | | q | 48.1 | 13.1 | 5.4 | 33.4 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 68.2 | 11.4 | 13.6 | 6.8 | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 56.8 | 9.1 | 9.1 | | P | 29.4 | 55.5 | 11.4 | 3.5 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 2.3 | 11.4 | 6.8 | 79.6 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 11.4 | 13.6 | 40.9 | 34.1 | | P | 10.3 | 16.5 | 36.8 | 36.1 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 88.6 | 4.6 | 6.8 | 0.0 | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 6.8 | 47.7 | 34.1 | 11.4 | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.1 | 4.6 | 40.9 | 45.5 | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 59.1 | 0.0 | 31.8 | 9.1 | | P | 51.2 | 5.8 | 32.9 | 10.2 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 72.7 | 6.8 | 11.4 | 9.1 | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.9 | 2.3 | 6.8 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 18.2 | 63.6 | 6.8 | 9.1 | | P | 25.6 | 51.4 | 12.5 | 10.3 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.3 | 75.0 | 22.7 | 0.0 | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 2.3 | 9.1 | 2.3 | 86.4 | | q | 3.8 | 2.4 | 2.9 | 90.9 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 11.4 | 13.6 | 6.8 | 68.2 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 4.6 | 4.6 | 54.6 | 36.4 | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 47.7 | 22.7 | 9.1 | 15.9 | | P | 42.3 | 28.1 | 13.8 | 14.9 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 6.8 | 9.1 | 6.8 | 77.3 | | q | 4.9 | 9.8 | 7.8 | 77.5 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 9.1 | 56.8 | 6.8 | | q | 27.4 | 6.4 | 62.3 | 4.0 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 2.3 | 72.7 | 22.7 | 2.3 | | P | 6.0 | 69.9 | 20.0 | 4.0 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 2.3 | 0.0 | 81.8 | 15.9 | | q | 1.6 | 0.9 | 85.7 | 11.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 45.5 | 13.6 | 9.1 | 31.8 | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 13.6 | 65.9 | 11.4 | 9.1 | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 2.3 | 4.6 | 9.1 | 84.1 | | P | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 43.2 | 13.6 | 43.2 | 0.0 | | P | 50.8 | 10.5 | 35.2 | 3.5 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 70.5 | 13.6 | 6.8 | 9.1 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.1 | 72.7 | 11.4 | 6.8 | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 29.6 | 27.3 | 13.6 | 29.6 | | P | 25.6 | 27.6 | 14.3 | 32.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 47.7 | 11.4 | 20.5 | 18.2 | | q | 58.3 | 13.3 | 13.6 | 14.7 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 27.3 | 47.7 | 13.6 | 11.4 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 4.6 | 81.8 | 11.4 | 2.3 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.6 | 18.2 | 11.4 | 65.9 | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 11.4 | 2.3 | 86.4 | 0.0 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 20.5 | 47.7 | 20.5 | 11.4 | | P | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.6 | 4.6 | 47.7 | 9.1 | | P | 35.9 | 13.8 | 39.8 | 10.3 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#194 - Gill Memorial Academy, Musgrave Harbour

Grades: K-12

| Item | Key | School [N=11] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 27.3 | 36.4 | 9.1 | 27.3 | | Q | 10.0 | 29.4 | 12.7 | 47.7 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 36.4 | 0.0 | 36.4 | 27.3 | | Q | 37.0 | 6.0 | 41.9 | 15.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 18.2 | 36.4 | 18.2 | | Q | 26.5 | 18.2 | 30.7 | 24.7 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 90.9 | 9.1 | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 18.2 | 27.3 | 36.4 | 18.2 | | Q | 9.4 | 14.7 | 50.6 | 25.2 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 63.6 | 0.0 | 0.0 | 36.4 | | Q | 67.5 | 4.9 | 9.3 | 18.3 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 9.1 | 0.0 | 72.7 | 18.2 | | Q | 3.3 | 4.4 | 82.9 | 9.3 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.2 | 27.3 | 27.3 | 27.3 | | Q | 13.3 | 47.2 | 25.4 | 13.8 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.2 | 81.8 | 0.0 | 0.0 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 18.2 | 27.3 | 45.5 | 9.1 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 63.6 | 0.0 | 36.4 | 0.0 | | P | 45.6 | 18.9 | 24.7 | 10.7 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 63.6 | 9.1 | 18.2 | 9.1 | | Q | 72.2 | 9.6 | 6.7 | 11.1 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 18.2 | 9.1 | 72.7 | | Q | 3.1 | 7.4 | 9.4 | 80.0 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.4 | 18.2 | 27.3 | 18.2 | | Q | 23.6 | 30.0 | 12.2 | 34.1 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 63.6 | 9.1 | 0.0 | 27.3 | | P | 48.1 | 13.1 | 5.4 | 33.4 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 45.5 | 0.0 | 0.0 | 54.6 | | Q | 65.9 | 12.3 | 9.8 | 11.6 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 36.4 | 45.5 | 0.0 | 18.2 | | Q | 29.4 | 55.5 | 11.4 | 3.5 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 18.2 | 0.0 | 81.8 | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 27.3 | 18.2 | 54.6 | | Q | 10.3 | 16.5 | 36.8 | 36.1 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 90.9 | 9.1 | 0.0 | 0.0 | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 18.2 | 45.5 | 18.2 | 18.2 | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.2 | 36.4 | 45.5 | 0.0 | | P | 13.1 | 13.8 | 45.4 | 27.8 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 36.4 | 9.1 | 27.3 | 27.3 | | Q | 51.2 | 5.8 | 32.9 | 10.2 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 54.6 | 9.1 | 9.1 | 27.3 | | Q | 67.7 | 11.3 | 8.9 | 12.2 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.9 | 0.0 | 9.1 | 0.0 | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 36.4 | 36.4 | 9.1 | 18.2 | | Q | 25.6 | 51.4 | 12.5 | 10.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 63.6 | 36.4 | 0.0 | | Q | 2.4 | 73.0 | 22.7 | 1.6 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.1 | 9.1 | 9.1 | 72.7 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 27.3 | 27.3 | 0.0 | 45.5 | | Q | 17.6 | 8.2 | 43.2 | 30.9 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 45.5 | 27.3 | 9.1 | 18.2 | | P | 42.3 | 28.1 | 13.8 | 14.9 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 9.1 | 9.1 | 0.0 | 81.8 | | P | 4.9 | 9.8 | 7.8 | 77.5 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 45.5 | 9.1 | 36.4 | 9.1 | | Q | 27.4 | 6.4 | 62.3 | 4.0 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 63.6 | 27.3 | 9.1 | | Q | 6.0 | 69.9 | 20.0 | 4.0 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 9.1 | 9.1 | 81.8 | 0.0 | | Q | 1.6 | 0.9 | 85.7 | 11.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 81.8 | 0.0 | 0.0 | 18.2 | | P | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 90.9 | 0.0 | 9.1 | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 9.1 | 9.1 | 0.0 | 81.8 | | Q | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 54.6 | 0.0 | 36.4 | 9.1 | | P | 50.8 | 10.5 | 35.2 | 3.5 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 72.7 | 27.3 | 0.0 | 0.0 | | P | 55.9 | 25.6 | 10.0 | 8.5 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 63.6 | 27.3 | 9.1 | | Q | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 9.1 | 36.4 | 0.0 | 54.6 | | Q | 25.6 | 27.6 | 14.3 | 32.1 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 63.6 | 0.0 | 27.3 | 9.1 | | P | 58.3 | 13.3 | 13.6 | 14.7 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 36.4 | 36.4 | 27.3 | 0.0 | | Q | 26.9 | 42.8 | 20.3 | 9.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 81.8 | 0.0 | 9.1 | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 18.2 | 54.6 | 0.0 | 27.3 | | Q | 7.1 | 34.5 | 10.9 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 9.1 | 81.8 | 0.0 | | Q | 6.9 | 4.2 | 85.7 | 3.3 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 27.3 | 54.6 | 18.2 | 0.0 | | Q | 30.1 | 41.9 | 18.5 | 9.1 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 27.3 | 27.3 | 27.3 | 18.2 | | Q | 35.9 | 13.8 | 39.8 | 10.3 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#196 - St. Gabriel's AG, St. Brendan's

Grades: K,2-6,8-12

| Item | Key | School [N=2] | | | | District [N=551] | | | | School Below Above Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|------------------|----------------|------|------|---------------------------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | P | 10.0 | 29.4 | 12.7 | 47.7 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | P | 9.3 | 1.6 | 77.7 | 11.4 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | P | 67.5 | 4.9 | 9.3 | 18.3 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | q | 3.3 | 4.4 | 82.9 | 9.3 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | P | 13.3 | 47.2 | 25.4 | 13.8 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | q | 45.6 | 18.9 | 24.7 | 10.7 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | q | 3.1 | 7.4 | 9.4 | 80.0 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 23.6 | 30.0 | 12.2 | 34.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | P | 48.1 | 13.1 | 5.4 | 33.4 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | q | 29.4 | 55.5 | 11.4 | 3.5 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | P | 5.3 | 17.2 | 7.1 | 70.4 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | P | 10.3 | 16.5 | 36.8 | 36.1 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | P | 85.3 | 6.5 | 5.4 | 2.7 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | P | 16.2 | 41.4 | 29.8 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | q | 51.2 | 5.8 | 32.9 | 10.2 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 67.7 | 11.3 | 8.9 | 12.2 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | P | 90.7 | 3.5 | 4.5 | 1.3 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | P | 25.6 | 51.4 | 12.5 | 10.3 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | P | 2.4 | 73.0 | 22.7 | 1.6 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | P | 17.6 | 8.2 | 43.2 | 30.9 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | P | 42.3 | 28.1 | 13.8 | 14.9 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | P | 4.9 | 9.8 | 7.8 | 77.5 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | P | 6.0 | 69.9 | 20.0 | 4.0 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | P | 1.6 | 0.9 | 85.7 | 11.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 9.8 | 71.9 | 13.8 | 4.5 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 1.5 | 6.0 | 8.5 | 84.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 50.8 | 10.5 | 35.2 | 3.5 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | P | 12.7 | 65.2 | 13.6 | 8.5 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | P | 58.3 | 13.3 | 13.6 | 14.7 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | P | 7.3 | 79.9 | 8.5 | 4.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | q | 35.9 | 13.8 | 39.8 | 10.3 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#201 - J.M. Olds Collegiate, Twillingate

Grades: 7-12

| Item | Key | School [N=21] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 4.8 | 85.7 | 9.5 | 0.0 | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 4.8 | 38.1 | 19.1 | 38.1 | q | 10.0 | 29.4 | 12.7 | 47.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 19.1 | 4.8 | 61.9 | 14.3 | p | 37.0 | 6.0 | 41.9 | 15.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 19.1 | 9.5 | 38.1 | 33.3 | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 4.8 | 0.0 | 90.5 | 4.8 | p | 9.3 | 1.6 | 77.7 | 11.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 4.8 | 9.5 | 66.7 | 19.1 | p | 9.4 | 14.7 | 50.6 | 25.2 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 71.4 | 0.0 | 14.3 | 14.3 | p | 67.5 | 4.9 | 9.3 | 18.3 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 85.7 | 14.3 | p | 3.3 | 4.4 | 82.9 | 9.3 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 28.6 | 47.6 | 14.3 | 9.5 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 14.3 | 76.2 | 4.8 | 4.8 | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 19.1 | 28.6 | 52.4 | 0.0 | p | 24.3 | 28.0 | 40.5 | 7.1 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 47.6 | 9.5 | 23.8 | 19.1 | p | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 19.1 | 0.0 | 14.3 | q | 72.2 | 9.6 | 6.7 | 11.1 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.8 | 4.8 | 19.1 | 71.4 | q | 3.1 | 7.4 | 9.4 | 80.0 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 19.1 | 33.3 | 9.5 | 38.1 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 57.1 | 0.0 | 14.3 | 28.6 | p | 48.1 | 13.1 | 5.4 | 33.4 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.4 | 19.1 | 0.0 | 9.5 | p | 65.9 | 12.3 | 9.8 | 11.6 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 4.8 | 71.4 | 23.8 | 0.0 | p | 29.4 | 55.5 | 11.4 | 3.5 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 9.5 | 19.1 | 71.4 | p | 5.3 | 17.2 | 7.1 | 70.4 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 23.8 | 4.8 | 61.9 | 9.5 | p | 10.3 | 16.5 | 36.8 | 36.1 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 95.2 | 4.8 | 0.0 | 0.0 | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.5 | 47.6 | 28.6 | 14.3 | p | 16.2 | 41.4 | 29.8 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.5 | 14.3 | 33.3 | 42.9 | q | 13.1 | 13.8 | 45.4 | 27.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 57.1 | 9.5 | 19.1 | 14.3 | p | 51.2 | 5.8 | 32.9 | 10.2 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 76.2 | 9.5 | 14.3 | 0.0 | p | 67.7 | 11.3 | 8.9 | 12.2 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 76.2 | 9.5 | 14.3 | 0.0 | q | 90.7 | 3.5 | 4.5 | 1.3 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 9.5 | 76.2 | 9.5 | 4.8 | p | 25.6 | 51.4 | 12.5 | 10.3 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 85.7 | 14.3 | 0.0 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.5 | 19.1 | 0.0 | 71.4 | p | 8.0 | 14.7 | 11.6 | 65.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 9.5 | 4.8 | 38.1 | 47.6 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 47.6 | 19.1 | 9.5 | 23.8 | p | 42.3 | 28.1 | 13.8 | 14.9 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 9.5 | 0.0 | 0.0 | 90.5 | p | 4.9 | 9.8 | 7.8 | 77.5 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 19.1 | 0.0 | 71.4 | 9.5 | p | 27.4 | 6.4 | 62.3 | 4.0 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 9.5 | 71.4 | 19.1 | 0.0 | p | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 66.7 | 19.1 | 4.8 | 9.5 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 19.1 | 66.7 | 14.3 | 0.0 | q | 9.8 | 71.9 | 13.8 | 4.5 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 4.8 | 0.0 | 0.0 | 95.2 | p | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 28.6 | 4.8 | 66.7 | 0.0 | p | 50.8 | 10.5 | 35.2 | 3.5 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 71.4 | 23.8 | 0.0 | 4.8 | p | 55.9 | 25.6 | 10.0 | 8.5 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 19.1 | 61.9 | 4.8 | 14.3 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 28.6 | 38.1 | 4.8 | 28.6 | p | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 57.1 | 9.5 | 28.6 | 4.8 | q | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.6 | 38.1 | 14.3 | 19.1 | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.5 | 85.7 | 0.0 | 4.8 | p | 7.3 | 79.9 | 8.5 | 4.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 9.5 | 19.1 | 14.3 | 57.1 | p | 7.1 | 34.5 | 10.9 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 19.1 | 4.8 | 71.4 | 4.8 | q | 6.9 | 4.2 | 85.7 | 3.3 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 33.3 | 42.9 | 4.8 | 19.1 | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 42.9 | 14.3 | 38.1 | 4.8 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#204 - Lester Pearson Memorial High, Wesleyville

Grades: 7-12

| Item | Key | School [N=23] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 13.0 | 87.0 | 0.0 | 0.0 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 17.4 | 17.4 | 17.4 | 47.8 | | p | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 21.7 | 0.0 | 52.2 | 26.1 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 34.8 | 17.4 | 26.1 | 21.7 | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 13.0 | 0.0 | 65.2 | 21.7 | q | | 9.3 | 1.6 | 77.7 | 11.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 21.7 | 4.4 | 43.5 | 30.4 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 65.2 | 0.0 | 8.7 | 26.1 | q | | 67.5 | 4.9 | 9.3 | 18.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 8.7 | 87.0 | 4.4 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 8.7 | 60.9 | 13.0 | 13.0 | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 13.0 | 82.6 | 4.4 | 0.0 | | p | 20.3 | 74.2 | 3.1 | 2.4 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 34.8 | 26.1 | 34.8 | 4.4 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 30.4 | 21.7 | 34.8 | 13.0 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 78.3 | 4.4 | 4.4 | 13.0 | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 8.7 | 91.3 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 21.7 | 34.8 | 0.0 | 43.5 | | p | 23.6 | 30.0 | 12.2 | 34.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 47.8 | 8.7 | 8.7 | 34.8 | q | | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 65.2 | 8.7 | 21.7 | 4.4 | q | | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 21.7 | 73.9 | 0.0 | 4.4 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 4.4 | 30.4 | 8.7 | 56.5 | q | | 5.3 | 17.2 | 7.1 | 70.4 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 4.4 | 17.4 | 39.1 | 39.1 | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 21.7 | 47.8 | 21.7 | 8.7 | | p | 16.2 | 41.4 | 29.8 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 13.0 | 30.4 | 47.8 | 8.7 | | p | 13.1 | 13.8 | 45.4 | 27.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 47.8 | 8.7 | 30.4 | 13.0 | q | | 51.2 | 5.8 | 32.9 | 10.2 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 73.9 | 17.4 | 0.0 | 8.7 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 91.3 | 4.4 | 0.0 | 4.4 | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 21.7 | 56.5 | 21.7 | 0.0 | | p | 25.6 | 51.4 | 12.5 | 10.3 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 78.3 | 21.7 | 0.0 | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 8.7 | 4.4 | 0.0 | 87.0 | q | | 3.8 | 2.4 | 2.9 | 90.9 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 4.4 | 21.7 | 26.1 | 47.8 | q | | 8.0 | 14.7 | 11.6 | 65.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 30.4 | 4.4 | 43.5 | 21.7 | | p | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 43.5 | 39.1 | 8.7 | 8.7 | | p | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.4 | 4.4 | 4.4 | 87.0 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 21.7 | 0.0 | 73.9 | 4.4 | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 73.9 | 26.1 | 0.0 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 95.7 | 4.4 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 56.5 | 13.0 | 0.0 | 30.4 | q | | 59.0 | 13.3 | 8.0 | 19.6 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 82.6 | 17.4 | 0.0 | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 4.4 | 8.7 | 4.4 | 82.6 | q | | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 60.9 | 8.7 | 30.4 | 0.0 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 56.5 | 21.7 | 4.4 | 17.4 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 4.4 | 73.9 | 17.4 | 4.4 | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 47.8 | 17.4 | 4.4 | 30.4 | | p | 25.6 | 27.6 | 14.3 | 32.1 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 65.2 | 13.0 | 8.7 | 13.0 | | p | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 21.7 | 39.1 | 26.1 | 13.0 | q | | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 8.7 | 73.9 | 8.7 | 8.7 | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.4 | 26.1 | 13.0 | 56.5 | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 4.4 | 4.4 | 82.6 | 8.7 | q | | 6.9 | 4.2 | 85.7 | 3.3 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 26.1 | 56.5 | 13.0 | 4.4 | q | | 30.1 | 41.9 | 18.5 | 9.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 26.1 | 13.0 | 52.2 | 8.7 | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#206 - Riverwood Academy, Wing's Point

Grades: K-12

| Item | Key | School [N=7] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|------|-------|--------|-------|------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 28.6 | 42.9 | 14.3 | 14.3 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 28.6 | 14.3 | 14.3 | 42.9 | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 28.6 | 0.0 | 57.1 | 14.3 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 28.6 | 28.6 | 14.3 | 28.6 | | p | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 57.1 | 0.0 | 42.9 | 0.0 | q | | 9.3 | 1.6 | 77.7 | 11.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 14.3 | 28.6 | 28.6 | 28.6 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 71.4 | 0.0 | 14.3 | 14.3 | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 71.4 | 28.6 | q | | 3.3 | 4.4 | 82.9 | 9.3 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 14.3 | 28.6 | 42.9 | 14.3 | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 28.6 | 42.9 | 28.6 | 0.0 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 14.3 | 57.1 | 14.3 | 14.3 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.9 | 14.3 | 42.9 | 0.0 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 57.1 | 0.0 | 0.0 | 42.9 | q | | 72.2 | 9.6 | 6.7 | 11.1 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 14.3 | 85.7 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 14.3 | 14.3 | 28.6 | 42.9 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 42.9 | 14.3 | 0.0 | 42.9 | q | | 48.1 | 13.1 | 5.4 | 33.4 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 85.7 | 0.0 | 0.0 | 14.3 | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 14.3 | 71.4 | 14.3 | 0.0 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 28.6 | 14.3 | 57.1 | q | | 5.3 | 17.2 | 7.1 | 70.4 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 28.6 | 28.6 | 42.9 | q | | 10.3 | 16.5 | 36.8 | 36.1 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 28.6 | 42.9 | 28.6 | 0.0 | | p | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 28.6 | 28.6 | 14.3 | 28.6 | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 28.6 | 14.3 | 14.3 | 42.9 | q | | 51.2 | 5.8 | 32.9 | 10.2 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 85.7 | 14.3 | 0.0 | 0.0 | q | | 90.7 | 3.5 | 4.5 | 1.3 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 28.6 | 42.9 | 14.3 | 14.3 | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 14.3 | 71.4 | 14.3 | 0.0 | q | | 2.4 | 73.0 | 22.7 | 1.6 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 3.8 | 2.4 | 2.9 | 90.9 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 14.3 | 85.7 | | p | 8.0 | 14.7 | 11.6 | 65.5 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.3 | 0.0 | 42.9 | 42.9 | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 28.6 | 28.6 | 14.3 | 28.6 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 14.3 | 0.0 | 0.0 | 85.7 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 28.6 | 0.0 | 57.1 | 14.3 | q | | 27.4 | 6.4 | 62.3 | 4.0 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 85.7 | 14.3 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 85.7 | 14.3 | 0.0 | 0.0 | | p | 59.0 | 13.3 | 8.0 | 19.6 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 71.4 | 14.3 | 0.0 | q | | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 42.9 | 14.3 | 42.9 | 0.0 | | p | 50.8 | 10.5 | 35.2 | 3.5 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 42.9 | 42.9 | 14.3 | 0.0 | q | | 55.9 | 25.6 | 10.0 | 8.5 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 71.4 | 0.0 | 28.6 | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 0.0 | 28.6 | 42.9 | 28.6 | q | | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 42.9 | 42.9 | 0.0 | 14.3 | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.6 | 42.9 | 28.6 | 0.0 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 85.7 | 14.3 | 0.0 | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 28.6 | 0.0 | 71.4 | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 28.6 | 14.3 | 42.9 | 14.3 | q | | 6.9 | 4.2 | 85.7 | 3.3 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 14.3 | 57.1 | 28.6 | 0.0 | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 42.9 | 0.0 | 42.9 | 14.3 | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#402 - Leo Burke Academy, Bishop's Falls

Grades: 8-12

| Item | Key | School [N=20] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 2.4 | 93.5 | 2.7 | 1.5 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.0 | 20.0 | 5.0 | 65.0 | p | 10.0 | 29.4 | 12.7 | 47.7 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 0.0 | 65.0 | 5.0 | p | 37.0 | 6.0 | 41.9 | 15.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 5.0 | 5.0 | 50.0 | 40.0 | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.0 | 0.0 | 90.0 | 5.0 | p | 9.3 | 1.6 | 77.7 | 11.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 5.0 | 20.0 | 40.0 | 35.0 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 95.0 | 0.0 | 0.0 | 5.0 | p | 67.5 | 4.9 | 9.3 | 18.3 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.0 | 0.0 | 90.0 | 5.0 | p | 3.3 | 4.4 | 82.9 | 9.3 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 15.0 | 55.0 | 15.0 | 15.0 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 20.0 | 75.0 | 5.0 | 0.0 | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 25.0 | 60.0 | 10.0 | 5.0 | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 40.0 | 20.0 | 30.0 | 10.0 | q | 45.6 | 18.9 | 24.7 | 10.7 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 80.0 | 0.0 | 20.0 | 0.0 | p | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 5.0 | 10.0 | 85.0 | p | 3.1 | 7.4 | 9.4 | 80.0 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 35.0 | 5.0 | 5.0 | 55.0 | q | 23.6 | 30.0 | 12.2 | 34.1 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 30.0 | 20.0 | 10.0 | 40.0 | q | 48.1 | 13.1 | 5.4 | 33.4 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.0 | 10.0 | 10.0 | 20.0 | q | 65.9 | 12.3 | 9.8 | 11.6 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 35.0 | 45.0 | 5.0 | 15.0 | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 5.0 | 0.0 | 95.0 | p | 5.3 | 17.2 | 7.1 | 70.4 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 5.0 | 20.0 | 35.0 | 40.0 | q | 10.3 | 16.5 | 36.8 | 36.1 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 90.0 | 5.0 | 5.0 | 0.0 | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 10.0 | 35.0 | 35.0 | 20.0 | q | 16.2 | 41.4 | 29.8 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 15.0 | 65.0 | 20.0 | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 45.0 | 5.0 | 45.0 | 5.0 | q | 51.2 | 5.8 | 32.9 | 10.2 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.0 | 10.0 | 5.0 | 20.0 | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 80.0 | 5.0 | 10.0 | 5.0 | q | 90.7 | 3.5 | 4.5 | 1.3 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 20.0 | 65.0 | 15.0 | 0.0 | p | 25.6 | 51.4 | 12.5 | 10.3 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 75.0 | 25.0 | 0.0 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 10.0 | 0.0 | 0.0 | 90.0 | q | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 20.0 | 0.0 | 80.0 | p | 8.0 | 14.7 | 11.6 | 65.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 40.0 | 0.0 | 40.0 | 20.0 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 40.0 | 35.0 | 10.0 | 15.0 | q | 42.3 | 28.1 | 13.8 | 14.9 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 5.0 | 10.0 | 10.0 | 75.0 | q | 4.9 | 9.8 | 7.8 | 77.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 40.0 | 10.0 | 50.0 | 0.0 | q | 27.4 | 6.4 | 62.3 | 4.0 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 15.0 | 70.0 | 15.0 | 0.0 | p | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 85.0 | 15.0 | q | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.0 | 5.0 | 10.0 | 10.0 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.0 | 60.0 | 25.0 | 5.0 | q | 9.8 | 71.9 | 13.8 | 4.5 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 5.0 | 5.0 | 90.0 | p | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 65.0 | 5.0 | 30.0 | 0.0 | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 60.0 | 35.0 | 5.0 | 0.0 | p | 55.9 | 25.6 | 10.0 | 8.5 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 15.0 | 65.0 | 15.0 | 5.0 | q | 12.7 | 65.2 | 13.6 | 8.5 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.0 | 35.0 | 5.0 | 30.0 | p | 25.6 | 27.6 | 14.3 | 32.1 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 65.0 | 20.0 | 5.0 | 10.0 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 20.0 | 35.0 | 40.0 | 5.0 | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 10.0 | 80.0 | 5.0 | 5.0 | p | 7.3 | 79.9 | 8.5 | 4.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 5.0 | 25.0 | 15.0 | 55.0 | p | 7.1 | 34.5 | 10.9 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 5.0 | 0.0 | 90.0 | 5.0 | p | 6.9 | 4.2 | 85.7 | 3.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 25.0 | 55.0 | 15.0 | 5.0 | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 60.0 | 10.0 | 25.0 | 5.0 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#403 - Lakeside Academy, Buchans

Grades: K-12

| Item | Key | School [N=9] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | | | |
|------|-----|--------------|-------|-------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|---|------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D | | |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 2.4 | 93.5 | 2.7 | 1.5 | | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 11.1 | 0.0 | 88.9 | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.3 | 0.0 | 44.4 | 22.2 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 66.7 | 11.1 | 22.2 | 0.0 | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 11.1 | 77.8 | 11.1 | | p | 9.3 | 1.6 | 77.7 | 11.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 22.2 | 0.0 | 33.3 | 44.4 | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 77.8 | 11.1 | 0.0 | 11.1 | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 11.1 | 88.9 | 0.0 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 11.1 | 66.7 | 22.2 | 0.0 | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 22.2 | 77.8 | 0.0 | 0.0 | | p | 20.3 | 74.2 | 3.1 | 2.4 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 44.4 | 11.1 | 44.4 | 0.0 | | p | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 33.3 | 22.2 | 44.4 | 0.0 | | q | 45.6 | 18.9 | 24.7 | 10.7 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 88.9 | 0.0 | 0.0 | 11.1 | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 11.1 | 33.3 | 33.3 | 22.2 | | p | 23.6 | 30.0 | 12.2 | 34.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 44.4 | 22.2 | 0.0 | 33.3 | | q | 48.1 | 13.1 | 5.4 | 33.4 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 88.9 | 0.0 | 0.0 | 11.1 | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 33.3 | 66.7 | 0.0 | 0.0 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 11.1 | 0.0 | 88.9 | | p | 5.3 | 17.2 | 7.1 | 70.4 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 0.0 | 33.3 | 66.7 | | q | 10.3 | 16.5 | 36.8 | 36.1 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 88.9 | 11.1 | 0.0 | 0.0 | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 44.4 | 44.4 | 11.1 | 0.0 | | p | 16.2 | 41.4 | 29.8 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.1 | 11.1 | 55.6 | 22.2 | | p | 13.1 | 13.8 | 45.4 | 27.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 77.8 | 0.0 | 22.2 | 0.0 | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 88.9 | 0.0 | 11.1 | 0.0 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.9 | 11.1 | 0.0 | 0.0 | | q | 90.7 | 3.5 | 4.5 | 1.3 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 11.1 | 77.8 | 0.0 | 11.1 | | p | 25.6 | 51.4 | 12.5 | 10.3 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 33.3 | 0.0 | | q | 2.4 | 73.0 | 22.7 | 1.6 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 3.8 | 2.4 | 2.9 | 90.9 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 11.1 | 22.2 | 66.7 | | p | 8.0 | 14.7 | 11.6 | 65.5 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 22.2 | 0.0 | 55.6 | 22.2 | | p | 17.6 | 8.2 | 43.2 | 30.9 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 55.6 | 11.1 | 22.2 | 11.1 | | p | 42.3 | 28.1 | 13.8 | 14.9 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 11.1 | 0.0 | 88.9 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 11.1 | 11.1 | 77.8 | 0.0 | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 22.2 | 66.7 | 11.1 | 0.0 | | q | 6.0 | 69.9 | 20.0 | 4.0 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 22.2 | 22.2 | 11.1 | 44.4 | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 11.1 | 66.7 | 11.1 | 11.1 | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 33.3 | 66.7 | | q | 1.5 | 6.0 | 8.5 | 84.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 44.4 | 0.0 | 33.3 | 22.2 | | q | 50.8 | 10.5 | 35.2 | 3.5 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 77.8 | 22.2 | 0.0 | 0.0 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 55.6 | 33.3 | 11.1 | | q | 12.7 | 65.2 | 13.6 | 8.5 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 11.1 | 55.6 | 22.2 | 11.1 | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 55.6 | 33.3 | 0.0 | 11.1 | | q | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 11.1 | 66.7 | 0.0 | 22.2 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 11.1 | 22.2 | 11.1 | 55.6 | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 11.1 | 0.0 | 88.9 | 0.0 | | p | 6.9 | 4.2 | 85.7 | 3.3 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 22.2 | 55.6 | 11.1 | 11.1 | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 0.0 | 66.7 | 0.0 | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#406 - Fitzgerald Academy, English Harbour West

Grades: K-12

| Item | Key | School [N=6] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 33.3 | 33.3 | 16.7 | | q | 10.0 | 29.4 | 12.7 | 47.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 66.7 | 0.0 | 16.7 | 16.7 | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 33.3 | 16.7 | 33.3 | 16.7 | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 50.0 | 50.0 | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 33.3 | 0.0 | 50.0 | 16.7 | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 0.0 | 0.0 | 50.0 | | q | 67.5 | 4.9 | 9.3 | 18.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 16.7 | 50.0 | 16.7 | | q | 3.3 | 4.4 | 82.9 | 9.3 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 16.7 | 16.7 | 66.7 | | q | 13.3 | 47.2 | 25.4 | 13.8 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 83.3 | 0.0 | 16.7 | | P | 20.3 | 74.2 | 3.1 | 2.4 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 0.0 | 50.0 | 50.0 | 0.0 | | P | 24.3 | 28.0 | 40.5 | 7.1 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.0 | 16.7 | 16.7 | 16.7 | | P | 45.6 | 18.9 | 24.7 | 10.7 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 83.3 | 0.0 | 0.0 | 0.0 | | P | 72.2 | 9.6 | 6.7 | 11.1 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 50.0 | 16.7 | 33.3 | | q | 3.1 | 7.4 | 9.4 | 80.0 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 16.7 | 16.7 | 16.7 | 50.0 | | q | 23.6 | 30.0 | 12.2 | 34.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 0.0 | 33.3 | 50.0 | 16.7 | | q | 48.1 | 13.1 | 5.4 | 33.4 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 0.0 | 16.7 | 33.3 | | q | 65.9 | 12.3 | 9.8 | 11.6 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 66.7 | 0.0 | 16.7 | 16.7 | | q | 29.4 | 55.5 | 11.4 | 3.5 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 16.7 | 50.0 | 0.0 | 33.3 | | q | 5.3 | 17.2 | 7.1 | 70.4 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 50.0 | 0.0 | 50.0 | | q | 10.3 | 16.5 | 36.8 | 36.1 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 0.0 | 16.7 | 0.0 | | q | 85.3 | 6.5 | 5.4 | 2.7 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 50.0 | 0.0 | 33.3 | 16.7 | | q | 16.2 | 41.4 | 29.8 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 0.0 | 33.3 | 66.7 | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 16.7 | 33.3 | 0.0 | | q | 51.2 | 5.8 | 32.9 | 10.2 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 50.0 | 50.0 | 0.0 | 0.0 | | q | 67.7 | 11.3 | 8.9 | 12.2 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 83.3 | 0.0 | 16.7 | 0.0 | | q | 90.7 | 3.5 | 4.5 | 1.3 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 16.7 | 0.0 | 50.0 | | q | 25.6 | 51.4 | 12.5 | 10.3 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 16.7 | 50.0 | 33.3 | 0.0 | | q | 2.4 | 73.0 | 22.7 | 1.6 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 16.7 | 0.0 | 0.0 | 83.3 | | q | 3.8 | 2.4 | 2.9 | 90.9 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 16.7 | 33.3 | 16.7 | 33.3 | | q | 8.0 | 14.7 | 11.6 | 65.5 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 33.3 | 33.3 | 33.3 | | q | 17.6 | 8.2 | 43.2 | 30.9 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 0.0 | 50.0 | 16.7 | 33.3 | | q | 42.3 | 28.1 | 13.8 | 14.9 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 16.7 | 33.3 | 0.0 | 50.0 | | q | 4.9 | 9.8 | 7.8 | 77.5 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 66.7 | 0.0 | 0.0 | 33.3 | | q | 27.4 | 6.4 | 62.3 | 4.0 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 33.3 | 33.3 | 16.7 | 16.7 | | q | 6.0 | 69.9 | 20.0 | 4.0 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 16.7 | 0.0 | 33.3 | 50.0 | | q | 1.6 | 0.9 | 85.7 | 11.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 33.3 | 16.7 | 16.7 | 33.3 | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 66.7 | 0.0 | 33.3 | 0.0 | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 16.7 | 0.0 | 50.0 | 33.3 | | q | 1.5 | 6.0 | 8.5 | 84.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 83.3 | 0.0 | 16.7 | 0.0 | | q | 50.8 | 10.5 | 35.2 | 3.5 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 16.7 | 50.0 | 16.7 | 16.7 | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 50.0 | 16.7 | 16.7 | | q | 12.7 | 65.2 | 13.6 | 8.5 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 66.7 | 0.0 | 16.7 | 16.7 | | P | 25.6 | 27.6 | 14.3 | 32.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 16.7 | 16.7 | 16.7 | 50.0 | | q | 58.3 | 13.3 | 13.6 | 14.7 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 50.0 | 33.3 | 0.0 | | P | 26.9 | 42.8 | 20.3 | 9.6 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 16.7 | 66.7 | 16.7 | 0.0 | | q | 7.3 | 79.9 | 8.5 | 4.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 50.0 | 0.0 | 50.0 | | P | 7.1 | 34.5 | 10.9 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 0.0 | 66.7 | 0.0 | 33.3 | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 66.7 | 16.7 | 16.7 | 0.0 | | q | 35.9 | 13.8 | 39.8 | 10.3 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#407 - Bay d'Espoir Academy, Milltown

Grades: K-12

| Item | Key | School [N=14] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | | | |
|------|-----|---------------|-------|-------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|---|------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D | | |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 2.4 | 93.5 | 2.7 | 1.5 | | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 21.4 | 7.1 | 14.3 | 57.1 | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 42.9 | 28.6 | 21.4 | 7.1 | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 14.3 | 64.3 | 7.1 | 14.3 | | q | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 14.3 | 0.0 | 85.7 | 0.0 | | p | 9.3 | 1.6 | 77.7 | 11.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 14.3 | 7.1 | 71.4 | 7.1 | | p | 9.4 | 14.7 | 50.6 | 25.2 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.3 | 7.1 | 7.1 | 21.4 | | q | 67.5 | 4.9 | 9.3 | 18.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 7.1 | 85.7 | 7.1 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 7.1 | 35.7 | 28.6 | 28.6 | | q | 13.3 | 47.2 | 25.4 | 13.8 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 21.4 | 71.4 | 0.0 | 7.1 | | q | 20.3 | 74.2 | 3.1 | 2.4 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 28.6 | 14.3 | 50.0 | 7.1 | | p | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 57.1 | 21.4 | 0.0 | 21.4 | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 71.4 | 7.1 | 0.0 | 21.4 | | q | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 14.3 | 85.7 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 42.9 | 35.7 | 7.1 | 14.3 | | p | 23.6 | 30.0 | 12.2 | 34.1 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 64.3 | 14.3 | 14.3 | 7.1 | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 57.1 | 14.3 | 21.4 | 7.1 | | q | 65.9 | 12.3 | 9.8 | 11.6 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 14.3 | 57.1 | 28.6 | 0.0 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.1 | 21.4 | 21.4 | 50.0 | | q | 5.3 | 17.2 | 7.1 | 70.4 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 14.3 | 42.9 | 42.9 | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 78.6 | 14.3 | 7.1 | 0.0 | | q | 85.3 | 6.5 | 5.4 | 2.7 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 35.7 | 42.9 | 21.4 | 0.0 | | p | 16.2 | 41.4 | 29.8 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 28.6 | 0.0 | 21.4 | 50.0 | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 57.1 | 7.1 | 35.7 | 0.0 | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 42.9 | 7.1 | 14.3 | 35.7 | | q | 67.7 | 11.3 | 8.9 | 12.2 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 92.9 | 0.0 | 7.1 | 0.0 | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 35.7 | 50.0 | 7.1 | 7.1 | | q | 25.6 | 51.4 | 12.5 | 10.3 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 7.1 | 64.3 | 28.6 | 0.0 | | q | 2.4 | 73.0 | 22.7 | 1.6 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 14.3 | 0.0 | 0.0 | 85.7 | | q | 3.8 | 2.4 | 2.9 | 90.9 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 14.3 | 7.1 | 0.0 | 78.6 | | p | 8.0 | 14.7 | 11.6 | 65.5 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 35.7 | 0.0 | 21.4 | 42.9 | | q | 17.6 | 8.2 | 43.2 | 30.9 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 28.6 | 14.3 | 35.7 | 21.4 | | q | 42.3 | 28.1 | 13.8 | 14.9 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 7.1 | 7.1 | 85.7 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 14.3 | 14.3 | 64.3 | 7.1 | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.1 | 85.7 | 7.1 | 0.0 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 85.7 | 14.3 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 64.3 | 21.4 | 0.0 | 14.3 | | p | 59.0 | 13.3 | 8.0 | 19.6 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 71.4 | 7.1 | 7.1 | | q | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 14.3 | 0.0 | 85.7 | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 35.7 | 21.4 | 42.9 | 0.0 | | p | 50.8 | 10.5 | 35.2 | 3.5 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 85.7 | 7.1 | 0.0 | 7.1 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 7.1 | 78.6 | 7.1 | 7.1 | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.4 | 35.7 | 21.4 | 14.3 | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 85.7 | 7.1 | 0.0 | 7.1 | | p | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.6 | 42.9 | 21.4 | 7.1 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.1 | 85.7 | 0.0 | 7.1 | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 14.3 | 21.4 | 0.0 | 64.3 | | p | 7.1 | 34.5 | 10.9 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 6.9 | 4.2 | 85.7 | 3.3 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 28.6 | 21.4 | 42.9 | 7.1 | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 14.3 | 35.7 | 42.9 | 7.1 | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#413 - Holy Cross School Complex, Eastport

Grades: K-12

| Item | Key | School [N=12] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|-------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 8.3 | 83.3 | 8.3 | 0.0 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 25.0 | 0.0 | 58.3 | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 41.7 | 0.0 | 41.7 | 16.7 | q | | 37.0 | 6.0 | 41.9 | 15.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.7 | 58.3 | 25.0 | 0.0 | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 8.3 | 0.0 | 75.0 | 16.7 | q | | 9.3 | 1.6 | 77.7 | 11.4 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 25.0 | 41.7 | 33.3 | q | | 9.4 | 14.7 | 50.6 | 25.2 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 83.3 | 8.3 | 0.0 | 8.3 | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 3.3 | 4.4 | 82.9 | 9.3 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 8.3 | 33.3 | 41.7 | 16.7 | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 58.3 | 41.7 | 0.0 | 0.0 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 41.7 | 16.7 | 33.3 | 8.3 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 41.7 | 16.7 | 25.0 | 16.7 | q | | 45.6 | 18.9 | 24.7 | 10.7 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 83.3 | 16.7 | 0.0 | 0.0 | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 8.3 | 0.0 | 91.7 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 25.0 | 25.0 | 25.0 | 25.0 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 58.3 | 0.0 | 0.0 | 41.7 | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 83.3 | 8.3 | 0.0 | 8.3 | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 8.3 | 75.0 | 8.3 | 8.3 | | p | 29.4 | 55.5 | 11.4 | 3.5 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 16.7 | 8.3 | 0.0 | 75.0 | | p | 5.3 | 17.2 | 7.1 | 70.4 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 25.0 | 66.7 | 8.3 | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 0.0 | 8.3 | 8.3 | q | | 85.3 | 6.5 | 5.4 | 2.7 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 8.3 | 41.7 | 50.0 | 0.0 | | p | 16.2 | 41.4 | 29.8 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 8.3 | 25.0 | 58.3 | 8.3 | | p | 13.1 | 13.8 | 45.4 | 27.8 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 75.0 | 0.0 | 16.7 | 8.3 | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 83.3 | 0.0 | 8.3 | 8.3 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 75.0 | 8.3 | 16.7 | 0.0 | q | | 90.7 | 3.5 | 4.5 | 1.3 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 25.0 | 16.7 | 50.0 | 8.3 | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 8.3 | 75.0 | 16.7 | 0.0 | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 8.3 | 91.7 | | p | 3.8 | 2.4 | 2.9 | 90.9 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 8.3 | 33.3 | 25.0 | 33.3 | q | | 8.0 | 14.7 | 11.6 | 65.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 8.3 | 0.0 | 50.0 | 41.7 | | p | 17.6 | 8.2 | 43.2 | 30.9 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 25.0 | 41.7 | 25.0 | 8.3 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 8.3 | 8.3 | 16.7 | 66.7 | q | | 4.9 | 9.8 | 7.8 | 77.5 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 50.0 | 0.0 | 50.0 | 0.0 | q | | 27.4 | 6.4 | 62.3 | 4.0 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 16.7 | 50.0 | 25.0 | 8.3 | q | | 6.0 | 69.9 | 20.0 | 4.0 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 91.7 | 8.3 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 66.7 | 8.3 | 8.3 | 16.7 | | p | 59.0 | 13.3 | 8.0 | 19.6 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 16.7 | 75.0 | 8.3 | 0.0 | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 25.0 | 33.3 | 33.3 | 8.3 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 41.7 | 8.3 | 25.0 | 25.0 | q | | 55.9 | 25.6 | 10.0 | 8.5 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 33.3 | 50.0 | 8.3 | 8.3 | q | | 12.7 | 65.2 | 13.6 | 8.5 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 8.3 | 50.0 | 8.3 | 33.3 | q | | 25.6 | 27.6 | 14.3 | 32.1 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 25.0 | 25.0 | 16.7 | 33.3 | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 33.3 | 50.0 | 8.3 | 8.3 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 8.3 | 75.0 | 8.3 | 8.3 | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 25.0 | 25.0 | 41.7 | q | | 7.1 | 34.5 | 10.9 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 8.3 | 8.3 | 83.3 | 0.0 | q | | 6.9 | 4.2 | 85.7 | 3.3 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 16.7 | 50.0 | 16.7 | 8.3 | q | | 30.1 | 41.9 | 18.5 | 9.1 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 25.0 | 8.3 | 50.0 | 16.7 | | p | 35.9 | 13.8 | 39.8 | 10.3 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#414 - Fogo Island Central Academy, Fogo Island

Grades: K-12

| Item | Key | School [N=12] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 83.3 | 16.7 | 0.0 | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 50.0 | 8.3 | 41.7 | q | 10.0 | 29.4 | 12.7 | 47.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 16.7 | 16.7 | 16.7 | q | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 0.0 | 33.3 | 41.7 | 25.0 | p | 26.5 | 18.2 | 30.7 | 24.7 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 16.7 | 0.0 | 58.3 | 25.0 | q | 9.3 | 1.6 | 77.7 | 11.4 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 8.3 | 0.0 | 75.0 | 16.7 | p | 9.4 | 14.7 | 50.6 | 25.2 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 8.3 | 25.0 | 16.7 | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 66.7 | 33.3 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 8.3 | 33.3 | 41.7 | 16.7 | q | 13.3 | 47.2 | 25.4 | 13.8 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 33.3 | 66.7 | 0.0 | 0.0 | q | 20.3 | 74.2 | 3.1 | 2.4 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 33.3 | 25.0 | 8.3 | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 33.3 | 50.0 | 8.3 | 8.3 | q | 45.6 | 18.9 | 24.7 | 10.7 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 91.7 | 8.3 | 0.0 | 0.0 | p | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 16.7 | 8.3 | 75.0 | q | 3.1 | 7.4 | 9.4 | 80.0 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 0.0 | 33.3 | 8.3 | 58.3 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 75.0 | 16.7 | 0.0 | 8.3 | p | 48.1 | 13.1 | 5.4 | 33.4 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 66.7 | 16.7 | 0.0 | 16.7 | p | 65.9 | 12.3 | 9.8 | 11.6 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 75.0 | 0.0 | 0.0 | p | 29.4 | 55.5 | 11.4 | 3.5 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 25.0 | 8.3 | 66.7 | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 8.3 | 0.0 | 16.7 | 75.0 | q | 10.3 | 16.5 | 36.8 | 36.1 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.3 | 0.0 | 16.7 | 0.0 | q | 85.3 | 6.5 | 5.4 | 2.7 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 16.7 | 16.7 | 33.3 | 33.3 | q | 16.2 | 41.4 | 29.8 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 25.0 | 58.3 | 16.7 | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 66.7 | 0.0 | 25.0 | 8.3 | p | 51.2 | 5.8 | 32.9 | 10.2 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 83.3 | 8.3 | 0.0 | 8.3 | p | 67.7 | 11.3 | 8.9 | 12.2 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 75.0 | 8.3 | 16.7 | 0.0 | q | 90.7 | 3.5 | 4.5 | 1.3 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 33.3 | 8.3 | 8.3 | q | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 91.7 | 8.3 | 0.0 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 33.3 | 8.3 | 50.0 | q | 8.0 | 14.7 | 11.6 | 65.5 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 8.3 | 8.3 | 25.0 | 58.3 | q | 17.6 | 8.2 | 43.2 | 30.9 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 8.3 | 50.0 | 25.0 | 16.7 | q | 42.3 | 28.1 | 13.8 | 14.9 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 25.0 | 0.0 | 75.0 | q | 4.9 | 9.8 | 7.8 | 77.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 0.0 | 66.7 | 0.0 | p | 27.4 | 6.4 | 62.3 | 4.0 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 8.3 | 66.7 | 25.0 | 0.0 | q | 6.0 | 69.9 | 20.0 | 4.0 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 83.3 | 16.7 | q | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 8.3 | 25.0 | 16.7 | q | 59.0 | 13.3 | 8.0 | 19.6 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 66.7 | 33.3 | 0.0 | q | 9.8 | 71.9 | 13.8 | 4.5 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 8.3 | 8.3 | 83.3 | q | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 58.3 | 8.3 | 33.3 | 0.0 | q | 50.8 | 10.5 | 35.2 | 3.5 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 66.7 | 8.3 | 8.3 | 16.7 | p | 55.9 | 25.6 | 10.0 | 8.5 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 8.3 | 75.0 | 0.0 | 16.7 | p | 12.7 | 65.2 | 13.6 | 8.5 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 8.3 | 41.7 | 0.0 | 50.0 | q | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 83.3 | 16.7 | 0.0 | 0.0 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 66.7 | 0.0 | 16.7 | p | 26.9 | 42.8 | 20.3 | 9.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 7.3 | 79.9 | 8.5 | 4.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 16.7 | 25.0 | 58.3 | p | 7.1 | 34.5 | 10.9 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 8.3 | 8.3 | 83.3 | 0.0 | q | 6.9 | 4.2 | 85.7 | 3.3 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 50.0 | 25.0 | 8.3 | 16.7 | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 0.0 | 33.3 | 33.3 | q | 35.9 | 13.8 | 39.8 | 10.3 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#416 - Smallwood Academy, Gambo

Grades: K-12

| Item | Key | School [N=11] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 9.1 | 81.8 | 9.1 | 0.0 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 63.6 | 18.2 | 18.2 | q | | 10.0 | 29.4 | 12.7 | 47.7 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 27.3 | 9.1 | 54.6 | 9.1 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 18.2 | 27.3 | 45.5 | 9.1 | q | | 26.5 | 18.2 | 30.7 | 24.7 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.1 | 0.0 | 81.8 | 9.1 | | p | 9.3 | 1.6 | 77.7 | 11.4 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 27.3 | 54.6 | 18.2 | | p | 9.4 | 14.7 | 50.6 | 25.2 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 45.5 | 9.1 | 9.1 | 36.4 | q | | 67.5 | 4.9 | 9.3 | 18.3 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 9.1 | 81.8 | 9.1 | q | | 3.3 | 4.4 | 82.9 | 9.3 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 36.4 | 45.5 | 0.0 | 18.2 | q | | 13.3 | 47.2 | 25.4 | 13.8 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 45.5 | 54.6 | 0.0 | 0.0 | q | | 20.3 | 74.2 | 3.1 | 2.4 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 27.3 | 27.3 | 36.4 | 9.1 | q | | 24.3 | 28.0 | 40.5 | 7.1 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 54.6 | 0.0 | 27.3 | 18.2 | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 72.7 | 18.2 | 0.0 | 9.1 | | p | 72.2 | 9.6 | 6.7 | 11.1 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 18.2 | 81.8 | | p | 3.1 | 7.4 | 9.4 | 80.0 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 27.3 | 9.1 | 45.5 | q | | 23.6 | 30.0 | 12.2 | 34.1 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 27.3 | 9.1 | 0.0 | 63.6 | q | | 48.1 | 13.1 | 5.4 | 33.4 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 45.5 | 9.1 | 36.4 | 9.1 | q | | 65.9 | 12.3 | 9.8 | 11.6 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.3 | 36.4 | 18.2 | 9.1 | q | | 29.4 | 55.5 | 11.4 | 3.5 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 27.3 | 0.0 | 72.7 | | p | 5.3 | 17.2 | 7.1 | 70.4 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.2 | 9.1 | 36.4 | 36.4 | q | | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 72.7 | 18.2 | 0.0 | 9.1 | q | | 85.3 | 6.5 | 5.4 | 2.7 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 63.6 | 18.2 | 18.2 | | p | 16.2 | 41.4 | 29.8 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 18.2 | 45.5 | 27.3 | 9.1 | q | | 13.1 | 13.8 | 45.4 | 27.8 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 36.4 | 9.1 | 45.5 | 9.1 | q | | 51.2 | 5.8 | 32.9 | 10.2 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 45.5 | 0.0 | 27.3 | 27.3 | q | | 67.7 | 11.3 | 8.9 | 12.2 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 81.8 | 9.1 | 9.1 | 0.0 | q | | 90.7 | 3.5 | 4.5 | 1.3 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 36.4 | 45.5 | 0.0 | 18.2 | q | | 25.6 | 51.4 | 12.5 | 10.3 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 9.1 | 63.6 | 18.2 | 0.0 | q | | 2.4 | 73.0 | 22.7 | 1.6 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 18.2 | 9.1 | 9.1 | 63.6 | q | | 3.8 | 2.4 | 2.9 | 90.9 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 18.2 | 18.2 | 9.1 | 54.6 | q | | 8.0 | 14.7 | 11.6 | 65.5 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 9.1 | 9.1 | 36.4 | 45.5 | q | | 17.6 | 8.2 | 43.2 | 30.9 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 27.3 | 45.5 | 27.3 | 0.0 | q | | 42.3 | 28.1 | 13.8 | 14.9 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 18.2 | 0.0 | 81.8 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 54.6 | 0.0 | 36.4 | 9.1 | q | | 27.4 | 6.4 | 62.3 | 4.0 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 54.6 | 45.5 | 0.0 | q | | 6.0 | 69.9 | 20.0 | 4.0 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 27.3 | 9.1 | 9.1 | 54.6 | q | | 59.0 | 13.3 | 8.0 | 19.6 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.1 | 54.6 | 27.3 | 9.1 | q | | 9.8 | 71.9 | 13.8 | 4.5 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 27.3 | 72.7 | q | | 1.5 | 6.0 | 8.5 | 84.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 63.6 | 18.2 | 18.2 | 0.0 | q | | 50.8 | 10.5 | 35.2 | 3.5 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 63.6 | 18.2 | 9.1 | 9.1 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.2 | 45.5 | 18.2 | 18.2 | q | | 12.7 | 65.2 | 13.6 | 8.5 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 36.4 | 54.6 | 0.0 | 9.1 | | p | 25.6 | 27.6 | 14.3 | 32.1 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 54.6 | 36.4 | 9.1 | 0.0 | q | | 58.3 | 13.3 | 13.6 | 14.7 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 18.2 | 45.5 | 27.3 | 9.1 | | p | 26.9 | 42.8 | 20.3 | 9.6 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 72.7 | 9.1 | 9.1 | q | | 7.3 | 79.9 | 8.5 | 4.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 9.1 | 54.6 | 9.1 | 27.3 | q | | 7.1 | 34.5 | 10.9 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 0.0 | 90.9 | 0.0 | | p | 6.9 | 4.2 | 85.7 | 3.3 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 27.3 | 36.4 | 27.3 | 9.1 | | p | 30.1 | 41.9 | 18.5 | 9.1 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 54.6 | 9.1 | 18.2 | 18.2 | q | | 35.9 | 13.8 | 39.8 | 10.3 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#418 - Gander Collegiate, Gander

Grades: 10-12

| Item | Key | School [N=47] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 91.5 | 6.4 | 2.1 | q | | 2.4 | 93.5 | 2.7 | 1.5 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 4.3 | 23.4 | 12.8 | 59.6 | | p | 10.0 | 29.4 | 12.7 | 47.7 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.5 | 6.4 | 51.1 | 17.0 | | p | 37.0 | 6.0 | 41.9 | 15.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 51.1 | 10.6 | 12.8 | 25.5 | | p | 26.5 | 18.2 | 30.7 | 24.7 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.6 | 4.3 | 74.5 | 10.6 | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 4.3 | 17.0 | 66.0 | 12.8 | | p | 9.4 | 14.7 | 50.6 | 25.2 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 80.9 | 0.0 | 10.6 | 8.5 | | p | 67.5 | 4.9 | 9.3 | 18.3 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.3 | 2.1 | 80.9 | 12.8 | | q | 3.3 | 4.4 | 82.9 | 9.3 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 14.9 | 48.9 | 17.0 | 19.2 | | p | 13.3 | 47.2 | 25.4 | 13.8 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 19.2 | 76.6 | 0.0 | 4.3 | | p | 20.3 | 74.2 | 3.1 | 2.4 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 19.2 | 36.2 | 40.4 | 4.3 | | q | 24.3 | 28.0 | 40.5 | 7.1 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 51.1 | 21.3 | 19.2 | 8.5 | | p | 45.6 | 18.9 | 24.7 | 10.7 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.0 | 4.3 | 12.8 | 17.0 | | q | 72.2 | 9.6 | 6.7 | 11.1 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.3 | 6.4 | 19.2 | 70.2 | | q | 3.1 | 7.4 | 9.4 | 80.0 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 29.8 | 14.9 | 10.6 | 44.7 | | q | 23.6 | 30.0 | 12.2 | 34.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 63.8 | 4.3 | 2.1 | 29.8 | | p | 48.1 | 13.1 | 5.4 | 33.4 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 76.6 | 14.9 | 6.4 | 0.0 | | p | 65.9 | 12.3 | 9.8 | 11.6 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 40.4 | 34.0 | 25.5 | 0.0 | | q | 29.4 | 55.5 | 11.4 | 3.5 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.4 | 17.0 | 8.5 | 68.1 | | q | 5.3 | 17.2 | 7.1 | 70.4 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.6 | 23.4 | 38.3 | 27.7 | | p | 10.3 | 16.5 | 36.8 | 36.1 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 89.4 | 2.1 | 8.5 | 0.0 | | p | 85.3 | 6.5 | 5.4 | 2.7 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 17.0 | 44.7 | 21.3 | 17.0 | | p | 16.2 | 41.4 | 29.8 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 19.2 | 10.6 | 42.6 | 27.7 | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 59.6 | 8.5 | 29.8 | 2.1 | | p | 51.2 | 5.8 | 32.9 | 10.2 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 74.5 | 10.6 | 2.1 | 12.8 | | p | 67.7 | 11.3 | 8.9 | 12.2 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.6 | 4.3 | 2.1 | 0.0 | | p | 90.7 | 3.5 | 4.5 | 1.3 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 17.0 | 57.5 | 14.9 | 10.6 | | p | 25.6 | 51.4 | 12.5 | 10.3 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.1 | 76.6 | 17.0 | 4.3 | | p | 2.4 | 73.0 | 22.7 | 1.6 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 2.1 | 4.3 | 93.6 | | p | 3.8 | 2.4 | 2.9 | 90.9 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 8.5 | 27.7 | 21.3 | 42.6 | | q | 8.0 | 14.7 | 11.6 | 65.5 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 29.8 | 6.4 | 46.8 | 17.0 | | p | 17.6 | 8.2 | 43.2 | 30.9 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 72.3 | 14.9 | 4.3 | 8.5 | | p | 42.3 | 28.1 | 13.8 | 14.9 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.1 | 4.3 | 4.3 | 89.4 | | p | 4.9 | 9.8 | 7.8 | 77.5 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.4 | 4.3 | 70.2 | 2.1 | | p | 27.4 | 6.4 | 62.3 | 4.0 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 2.1 | 78.7 | 17.0 | 2.1 | | p | 6.0 | 69.9 | 20.0 | 4.0 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 93.6 | 6.4 | | p | 1.6 | 0.9 | 85.7 | 11.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 51.1 | 12.8 | 10.6 | 25.5 | | q | 59.0 | 13.3 | 8.0 | 19.6 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 8.5 | 78.7 | 10.6 | 2.1 | | p | 9.8 | 71.9 | 13.8 | 4.5 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 4.3 | 95.7 | | p | 1.5 | 6.0 | 8.5 | 84.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 46.8 | 14.9 | 38.3 | 0.0 | | p | 50.8 | 10.5 | 35.2 | 3.5 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 59.6 | 36.2 | 4.3 | 0.0 | | p | 55.9 | 25.6 | 10.0 | 8.5 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 14.9 | 74.5 | 6.4 | 4.3 | | p | 12.7 | 65.2 | 13.6 | 8.5 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.3 | 17.0 | 23.4 | 38.3 | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 70.2 | 12.8 | 6.4 | 10.6 | | p | 58.3 | 13.3 | 13.6 | 14.7 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 34.0 | 38.3 | 17.0 | 10.6 | | q | 26.9 | 42.8 | 20.3 | 9.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 4.3 | 87.2 | 8.5 | 0.0 | | p | 7.3 | 79.9 | 8.5 | 4.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 14.9 | 36.2 | 8.5 | 40.4 | | q | 7.1 | 34.5 | 10.9 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 10.6 | 6.4 | 80.9 | 2.1 | | q | 6.9 | 4.2 | 85.7 | 3.3 | | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 42.6 | 36.2 | 14.9 | 6.4 | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 48.9 | 8.5 | 38.3 | 4.3 | | q | 35.9 | 13.8 | 39.8 | 10.3 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#421 - Lakewood Academy, Glenwood

Grades: K-12

| Item | Key | School [N=15] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 93.3 | 6.7 | 0.0 | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 6.7 | 33.3 | 20.0 | 40.0 | q | 10.0 | 29.4 | 12.7 | 47.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 13.3 | 13.3 | 46.7 | 26.7 | p | 37.0 | 6.0 | 41.9 | 15.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 26.7 | 13.3 | 40.0 | 20.0 | q | 26.5 | 18.2 | 30.7 | 24.7 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 20.0 | 0.0 | 80.0 | 0.0 | p | 9.3 | 1.6 | 77.7 | 11.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.3 | 13.3 | 40.0 | 33.3 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 53.3 | 6.7 | 6.7 | 33.3 | q | 67.5 | 4.9 | 9.3 | 18.3 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 6.7 | 93.3 | 0.0 | p | 3.3 | 4.4 | 82.9 | 9.3 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 6.7 | 26.7 | 46.7 | 20.0 | q | 13.3 | 47.2 | 25.4 | 13.8 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 26.7 | 60.0 | 0.0 | 13.3 | q | 20.3 | 74.2 | 3.1 | 2.4 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 40.0 | 20.0 | 33.3 | 6.7 | q | 24.3 | 28.0 | 40.5 | 7.1 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 26.7 | 6.7 | 6.7 | p | 45.6 | 18.9 | 24.7 | 10.7 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 86.7 | 0.0 | 0.0 | 13.3 | p | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 6.7 | 93.3 | p | 3.1 | 7.4 | 9.4 | 80.0 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 20.0 | 33.3 | 13.3 | 33.3 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 73.3 | 20.0 | 0.0 | 6.7 | p | 48.1 | 13.1 | 5.4 | 33.4 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 33.3 | 13.3 | 20.0 | 33.3 | q | 65.9 | 12.3 | 9.8 | 11.6 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 33.3 | 46.7 | 6.7 | 13.3 | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 13.3 | 20.0 | 6.7 | 60.0 | q | 5.3 | 17.2 | 7.1 | 70.4 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 6.7 | 6.7 | 20.0 | 66.7 | q | 10.3 | 16.5 | 36.8 | 36.1 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 86.7 | 6.7 | 0.0 | 6.7 | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 13.3 | 60.0 | 26.7 | 0.0 | p | 16.2 | 41.4 | 29.8 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 6.7 | 13.3 | 53.3 | 26.7 | p | 13.1 | 13.8 | 45.4 | 27.8 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 33.3 | 6.7 | 46.7 | 13.3 | q | 51.2 | 5.8 | 32.9 | 10.2 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 60.0 | 6.7 | 13.3 | 20.0 | q | 67.7 | 11.3 | 8.9 | 12.2 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.3 | 0.0 | 6.7 | 0.0 | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 46.7 | 6.7 | 13.3 | q | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 53.3 | 46.7 | 0.0 | q | 2.4 | 73.0 | 22.7 | 1.6 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.7 | 0.0 | 0.0 | 93.3 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.7 | 26.7 | 6.7 | 60.0 | q | 8.0 | 14.7 | 11.6 | 65.5 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 6.7 | 66.7 | 26.7 | p | 17.6 | 8.2 | 43.2 | 30.9 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 46.7 | 40.0 | 13.3 | 0.0 | p | 42.3 | 28.1 | 13.8 | 14.9 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 13.3 | 13.3 | 6.7 | 66.7 | q | 4.9 | 9.8 | 7.8 | 77.5 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 40.0 | 0.0 | 60.0 | 0.0 | q | 27.4 | 6.4 | 62.3 | 4.0 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.7 | 73.3 | 20.0 | 0.0 | p | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 73.3 | 26.7 | q | 1.6 | 0.9 | 85.7 | 11.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 60.0 | 13.3 | 20.0 | 6.7 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 6.7 | 73.3 | 20.0 | 0.0 | p | 9.8 | 71.9 | 13.8 | 4.5 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 6.7 | 6.7 | 6.7 | 80.0 | q | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 33.3 | 6.7 | 60.0 | 0.0 | p | 50.8 | 10.5 | 35.2 | 3.5 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 66.7 | 13.3 | 13.3 | 6.7 | p | 55.9 | 25.6 | 10.0 | 8.5 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.7 | 60.0 | 13.3 | 20.0 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 20.0 | 40.0 | 13.3 | 26.7 | q | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 73.3 | 6.7 | 20.0 | 0.0 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 46.7 | 33.3 | 6.7 | 13.3 | q | 26.9 | 42.8 | 20.3 | 9.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 20.0 | 60.0 | 20.0 | 0.0 | q | 7.3 | 79.9 | 8.5 | 4.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 46.7 | 13.3 | 40.0 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 13.3 | 86.7 | 0.0 | p | 6.9 | 4.2 | 85.7 | 3.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 20.0 | 53.3 | 26.7 | 0.0 | p | 30.1 | 41.9 | 18.5 | 9.1 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 6.7 | 20.0 | 53.3 | 20.0 | p | 35.9 | 13.8 | 39.8 | 10.3 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#422 - Glovertown Academy, Glovertown

Grades: K-12

| Item | Key | School [N=28] | | | | School | | District [N=551] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 96.4 | 3.6 | 0.0 | | P | 2.4 | 93.5 | 2.7 | 1.5 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.7 | 28.6 | 25.0 | 35.7 | | q | 10.0 | 29.4 | 12.7 | 47.7 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 14.3 | 17.9 | 17.9 | | q | 37.0 | 6.0 | 41.9 | 15.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.4 | 17.9 | 25.0 | 35.7 | | P | 26.5 | 18.2 | 30.7 | 24.7 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 14.3 | 7.1 | 64.3 | 14.3 | | q | 9.3 | 1.6 | 77.7 | 11.4 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.7 | 21.4 | 46.4 | 21.4 | | q | 9.4 | 14.7 | 50.6 | 25.2 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.3 | 7.1 | 3.6 | 25.0 | | q | 67.5 | 4.9 | 9.3 | 18.3 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.6 | 0.0 | 92.9 | 3.6 | | P | 3.3 | 4.4 | 82.9 | 9.3 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 21.4 | 14.3 | 46.4 | 17.9 | | q | 13.3 | 47.2 | 25.4 | 13.8 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 28.6 | 71.4 | 0.0 | 0.0 | | q | 20.3 | 74.2 | 3.1 | 2.4 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 28.6 | 25.0 | 25.0 | 21.4 | | q | 24.3 | 28.0 | 40.5 | 7.1 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.9 | 21.4 | 21.4 | 14.3 | | q | 45.6 | 18.9 | 24.7 | 10.7 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 60.7 | 35.7 | 3.6 | 0.0 | | q | 72.2 | 9.6 | 6.7 | 11.1 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 7.1 | 14.3 | 14.3 | 64.3 | | q | 3.1 | 7.4 | 9.4 | 80.0 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 21.4 | 21.4 | 25.0 | 32.1 | | q | 23.6 | 30.0 | 12.2 | 34.1 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 25.0 | 35.7 | 3.6 | 35.7 | | q | 48.1 | 13.1 | 5.4 | 33.4 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.4 | 21.4 | 3.6 | 3.6 | | P | 65.9 | 12.3 | 9.8 | 11.6 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 35.7 | 42.9 | 21.4 | 0.0 | | q | 29.4 | 55.5 | 11.4 | 3.5 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.7 | 17.9 | 7.1 | 64.3 | | q | 5.3 | 17.2 | 7.1 | 70.4 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 17.9 | 21.4 | 32.1 | 28.6 | | q | 10.3 | 16.5 | 36.8 | 36.1 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 67.9 | 21.4 | 7.1 | 3.6 | | q | 85.3 | 6.5 | 5.4 | 2.7 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 14.3 | 35.7 | 35.7 | 14.3 | | q | 16.2 | 41.4 | 29.8 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 10.7 | 10.7 | 32.1 | 46.4 | | q | 13.1 | 13.8 | 45.4 | 27.8 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 39.3 | 7.1 | 35.7 | 17.9 | | q | 51.2 | 5.8 | 32.9 | 10.2 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 60.7 | 3.6 | 17.9 | 17.9 | | q | 67.7 | 11.3 | 8.9 | 12.2 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 85.7 | 10.7 | 0.0 | 3.6 | | q | 90.7 | 3.5 | 4.5 | 1.3 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 28.6 | 32.1 | 10.7 | 28.6 | | q | 25.6 | 51.4 | 12.5 | 10.3 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 53.6 | 42.9 | 3.6 | | q | 2.4 | 73.0 | 22.7 | 1.6 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 3.6 | 0.0 | 3.6 | 92.9 | | P | 3.8 | 2.4 | 2.9 | 90.9 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.7 | 7.1 | 7.1 | 75.0 | | P | 8.0 | 14.7 | 11.6 | 65.5 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 7.1 | 14.3 | 42.9 | 35.7 | | q | 17.6 | 8.2 | 43.2 | 30.9 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 28.6 | 25.0 | 32.1 | 14.3 | | q | 42.3 | 28.1 | 13.8 | 14.9 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.6 | 10.7 | 17.9 | 67.9 | | q | 4.9 | 9.8 | 7.8 | 77.5 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 0.0 | 71.4 | 3.6 | | P | 27.4 | 6.4 | 62.3 | 4.0 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 3.6 | 53.6 | 39.3 | 3.6 | | q | 6.0 | 69.9 | 20.0 | 4.0 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.6 | 7.1 | 71.4 | 17.9 | | q | 1.6 | 0.9 | 85.7 | 11.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 57.1 | 21.4 | 7.1 | 14.3 | | q | 59.0 | 13.3 | 8.0 | 19.6 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.7 | 60.7 | 10.7 | 17.9 | | q | 9.8 | 71.9 | 13.8 | 4.5 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 14.3 | 17.9 | 67.9 | | q | 1.5 | 6.0 | 8.5 | 84.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 46.4 | 10.7 | 35.7 | 7.1 | | P | 50.8 | 10.5 | 35.2 | 3.5 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 46.4 | 17.9 | 21.4 | 14.3 | | q | 55.9 | 25.6 | 10.0 | 8.5 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 17.9 | 57.1 | 14.3 | 10.7 | | q | 12.7 | 65.2 | 13.6 | 8.5 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 17.9 | 28.6 | 28.6 | 25.0 | | q | 25.6 | 27.6 | 14.3 | 32.1 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.7 | 14.3 | 14.3 | 10.7 | | P | 58.3 | 13.3 | 13.6 | 14.7 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 21.4 | 28.6 | 28.6 | 21.4 | | q | 26.9 | 42.8 | 20.3 | 9.6 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.1 | 71.4 | 10.7 | 10.7 | | q | 7.3 | 79.9 | 8.5 | 4.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 14.3 | 39.3 | 14.3 | 32.1 | | q | 7.1 | 34.5 | 10.9 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 10.7 | 89.3 | 0.0 | | P | 6.9 | 4.2 | 85.7 | 3.3 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 14.3 | 42.9 | 14.3 | 28.6 | | q | 30.1 | 41.9 | 18.5 | 9.1 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 32.1 | 39.3 | 17.9 | 10.7 | | q | 35.9 | 13.8 | 39.8 | 10.3 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 3 - Nova Central

(percentage of students who selected each response)

#478 - New World Island Academy, Virgin Arm

Grades: K-12

| Item | Key | School [N=14] | | | | School Below Above District | District [N=551] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|-----------------------------------|------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 92.9 | 0.0 | 7.1 | q | 2.4 | 93.5 | 2.7 | 1.5 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.1 | 42.9 | 14.3 | 35.7 | q | 10.0 | 29.4 | 12.7 | 47.7 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 0.0 | 42.9 | 7.1 | p | 37.0 | 6.0 | 41.9 | 15.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 42.9 | 7.1 | 14.3 | 35.7 | p | 26.5 | 18.2 | 30.7 | 24.7 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 92.9 | 7.1 | p | 9.3 | 1.6 | 77.7 | 11.4 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.1 | 14.3 | 50.0 | 28.6 | q | 9.4 | 14.7 | 50.6 | 25.2 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 71.4 | 7.1 | 7.1 | 14.3 | p | 67.5 | 4.9 | 9.3 | 18.3 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 14.3 | 7.1 | 78.6 | 0.0 | q | 3.3 | 4.4 | 82.9 | 9.3 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 78.6 | 14.3 | 7.1 | p | 13.3 | 47.2 | 25.4 | 13.8 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 7.1 | 85.7 | 7.1 | 0.0 | p | 20.3 | 74.2 | 3.1 | 2.4 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 14.3 | 35.7 | 50.0 | 0.0 | p | 24.3 | 28.0 | 40.5 | 7.1 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.9 | 28.6 | 28.6 | 0.0 | q | 45.6 | 18.9 | 24.7 | 10.7 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 78.6 | 0.0 | 7.1 | 14.3 | p | 72.2 | 9.6 | 6.7 | 11.1 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 14.3 | 0.0 | 85.7 | p | 3.1 | 7.4 | 9.4 | 80.0 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 7.1 | 64.3 | 14.3 | 14.3 | p | 23.6 | 30.0 | 12.2 | 34.1 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 57.1 | 7.1 | 14.3 | 21.4 | p | 48.1 | 13.1 | 5.4 | 33.4 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 78.6 | 7.1 | 14.3 | 0.0 | p | 65.9 | 12.3 | 9.8 | 11.6 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 50.0 | 35.7 | 14.3 | 0.0 | q | 29.4 | 55.5 | 11.4 | 3.5 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 28.6 | 0.0 | 71.4 | p | 5.3 | 17.2 | 7.1 | 70.4 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 7.1 | 0.0 | 57.1 | 35.7 | p | 10.3 | 16.5 | 36.8 | 36.1 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 92.9 | 0.0 | 7.1 | 0.0 | p | 85.3 | 6.5 | 5.4 | 2.7 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 35.7 | 35.7 | 21.4 | 7.1 | q | 16.2 | 41.4 | 29.8 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 7.1 | 28.6 | 42.9 | 21.4 | q | 13.1 | 13.8 | 45.4 | 27.8 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 42.9 | 7.1 | 35.7 | 14.3 | q | 51.2 | 5.8 | 32.9 | 10.2 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 71.4 | 7.1 | 7.1 | 14.3 | p | 67.7 | 11.3 | 8.9 | 12.2 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 90.7 | 3.5 | 4.5 | 1.3 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 50.0 | 35.7 | 14.3 | 0.0 | q | 25.6 | 51.4 | 12.5 | 10.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 7.1 | 78.6 | 0.0 | 7.1 | p | 2.4 | 73.0 | 22.7 | 1.6 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 7.1 | 92.9 | p | 3.8 | 2.4 | 2.9 | 90.9 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 14.3 | 14.3 | 71.4 | p | 8.0 | 14.7 | 11.6 | 65.5 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.3 | 7.1 | 71.4 | 7.1 | p | 17.6 | 8.2 | 43.2 | 30.9 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 57.1 | 28.6 | 0.0 | 14.3 | p | 42.3 | 28.1 | 13.8 | 14.9 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 14.3 | 7.1 | 78.6 | p | 4.9 | 9.8 | 7.8 | 77.5 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 42.9 | 14.3 | 35.7 | 7.1 | q | 27.4 | 6.4 | 62.3 | 4.0 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.1 | 78.6 | 14.3 | 0.0 | p | 6.0 | 69.9 | 20.0 | 4.0 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 1.6 | 0.9 | 85.7 | 11.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 64.3 | 7.1 | 0.0 | 28.6 | p | 59.0 | 13.3 | 8.0 | 19.6 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 14.3 | 71.4 | 14.3 | 0.0 | q | 9.8 | 71.9 | 13.8 | 4.5 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 7.1 | 7.1 | 85.7 | p | 1.5 | 6.0 | 8.5 | 84.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 28.6 | 28.6 | 35.7 | 7.1 | p | 50.8 | 10.5 | 35.2 | 3.5 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 21.4 | 64.3 | 7.1 | 7.1 | q | 55.9 | 25.6 | 10.0 | 8.5 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 14.3 | 28.6 | 42.9 | 14.3 | q | 12.7 | 65.2 | 13.6 | 8.5 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.4 | 14.3 | 7.1 | 57.1 | q | 25.6 | 27.6 | 14.3 | 32.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 64.3 | 14.3 | 21.4 | 0.0 | p | 58.3 | 13.3 | 13.6 | 14.7 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 21.4 | 71.4 | 0.0 | 7.1 | p | 26.9 | 42.8 | 20.3 | 9.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.1 | 92.9 | 0.0 | 0.0 | p | 7.3 | 79.9 | 8.5 | 4.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.1 | 35.7 | 14.3 | 42.9 | q | 7.1 | 34.5 | 10.9 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.1 | 0.0 | 92.9 | 0.0 | p | 6.9 | 4.2 | 85.7 | 3.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 35.7 | 42.9 | 14.3 | 7.1 | q | 30.1 | 41.9 | 18.5 | 9.1 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 50.0 | 0.0 | 42.9 | 7.1 | p | 35.9 | 13.8 | 39.8 | 10.3 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#214 - John Burke High School, Grand Bank

Grades: 8-12

| Item | Key | School [N=26] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 15.4 | 34.6 | 15.4 | 34.6 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.8 | 0.0 | 34.6 | 34.6 | q | | 32.6 | 4.7 | 45.5 | 17.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 23.1 | 11.5 | 30.8 | 30.8 | q | | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.5 | 0.0 | 65.4 | 23.1 | q | | 9.8 | 2.6 | 76.6 | 10.9 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 15.4 | 19.2 | 30.8 | 34.6 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 69.2 | 3.9 | 15.4 | 11.5 | q | | 71.4 | 4.9 | 8.4 | 15.2 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.9 | 7.7 | 65.4 | 23.1 | q | | 2.5 | 3.7 | 83.8 | 10.0 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 11.5 | 46.2 | 19.2 | 23.1 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 19.2 | 76.9 | 3.9 | 0.0 | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 34.6 | 15.4 | 34.6 | 15.4 | q | | 29.9 | 27.2 | 35.9 | 6.9 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 38.5 | 26.9 | 26.9 | 7.7 | q | | 43.8 | 19.6 | 26.5 | 9.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 61.5 | 15.4 | 7.7 | 15.4 | q | | 66.9 | 10.1 | 11.2 | 11.7 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 3.9 | 96.2 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 19.2 | 26.9 | 23.1 | 30.8 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 34.6 | 19.2 | 7.7 | 38.5 | q | | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 53.9 | 15.4 | 11.5 | 19.2 | q | | 65.1 | 9.6 | 10.5 | 14.5 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.8 | 50.0 | 19.2 | 0.0 | | P | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 3.9 | 30.8 | 11.5 | 53.9 | q | | 5.7 | 15.9 | 9.7 | 68.7 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 42.3 | 30.8 | 26.9 | q | | 10.9 | 21.4 | 33.5 | 34.2 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 84.6 | 7.7 | 7.7 | 0.0 | q | | 85.5 | 5.6 | 5.5 | 3.4 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 34.6 | 34.6 | 23.1 | 7.7 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 15.4 | 7.7 | 53.9 | 23.1 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 26.9 | 11.5 | 34.6 | 26.9 | q | | 48.4 | 7.1 | 32.5 | 12.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 69.2 | 7.7 | 7.7 | 15.4 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.5 | 3.9 | 7.7 | 0.0 | q | | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 19.2 | 46.2 | 15.4 | 19.2 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.9 | 76.9 | 15.4 | 3.9 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 3.9 | 0.0 | 3.9 | 92.3 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 19.2 | 11.5 | 11.5 | 57.7 | q | | 9.5 | 16.8 | 10.6 | 62.7 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 7.7 | 11.5 | 61.5 | 19.2 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 30.8 | 42.3 | 15.4 | 11.5 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 15.4 | 3.9 | 80.8 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 15.4 | 7.7 | 61.5 | 15.4 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.7 | 46.2 | 42.3 | 3.9 | q | | 6.0 | 68.3 | 21.5 | 4.1 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.9 | 3.9 | 80.8 | 11.5 | q | | 2.6 | 1.7 | 81.9 | 13.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.0 | 19.2 | 7.7 | 23.1 | q | | 56.4 | 16.6 | 8.1 | 18.8 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 3.9 | 80.8 | 15.4 | 0.0 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 3.9 | 0.0 | 15.4 | 80.8 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 11.5 | 38.5 | 0.0 | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 26.9 | 46.2 | 15.4 | 11.5 | q | | 51.7 | 26.4 | 13.4 | 8.3 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 23.1 | 50.0 | 7.7 | 19.2 | q | | 11.4 | 62.8 | 13.3 | 12.1 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 34.6 | 30.8 | 19.2 | 15.4 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 38.5 | 11.5 | 15.4 | 34.6 | q | | 54.1 | 13.2 | 13.1 | 19.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 19.2 | 34.6 | 34.6 | 11.5 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 15.4 | 73.1 | 11.5 | 0.0 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.9 | 34.6 | 0.0 | 61.5 | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 3.9 | 3.9 | 92.3 | 0.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 53.9 | 30.8 | 0.0 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 42.3 | 11.5 | 34.6 | 11.5 | q | | 37.2 | 12.1 | 39.5 | 10.5 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#218 - St. Joseph's Academy, Lamaline

Grades: K-12

| Item | Key | School [N=8] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|------|-------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 87.5 | 12.5 | 0.0 | q | | 2.5 | 95.0 | 1.4 | 1.2 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.5 | 12.5 | 25.0 | 50.0 | | p | 10.7 | 27.3 | 13.8 | 48.2 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.0 | 0.0 | 75.0 | 0.0 | | p | 32.6 | 4.7 | 45.5 | 17.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 50.0 | 25.0 | 0.0 | 25.0 | q | | 23.5 | 14.9 | 30.2 | 31.4 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 25.0 | 0.0 | 75.0 | 0.0 | q | | 9.8 | 2.6 | 76.6 | 10.9 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 12.5 | 12.5 | 50.0 | 25.0 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 75.0 | 0.0 | 12.5 | 12.5 | | p | 71.4 | 4.9 | 8.4 | 15.2 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 12.5 | 87.5 | 0.0 | | p | 2.5 | 3.7 | 83.8 | 10.0 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.5 | 37.5 | 25.0 | 12.5 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 12.5 | 62.5 | 0.0 | 25.0 | q | | 19.4 | 73.0 | 5.3 | 2.3 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 0.0 | 37.5 | 50.0 | 12.5 | | p | 29.9 | 27.2 | 35.9 | 6.9 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 37.5 | 37.5 | 25.0 | 0.0 | q | | 43.8 | 19.6 | 26.5 | 9.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 62.5 | 37.5 | 0.0 | 0.0 | q | | 66.9 | 10.1 | 11.2 | 11.7 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | | p | 2.8 | 6.3 | 8.7 | 82.2 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 37.5 | 12.5 | 12.5 | 37.5 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 45.8 | 14.4 | 6.6 | 33.2 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 37.5 | 12.5 | 0.0 | 50.0 | q | | 65.1 | 9.6 | 10.5 | 14.5 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 37.5 | 25.0 | 37.5 | 0.0 | q | | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 37.5 | 25.0 | 37.5 | q | | 5.7 | 15.9 | 9.7 | 68.7 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 25.0 | 25.0 | 50.0 | q | | 10.9 | 21.4 | 33.5 | 34.2 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 75.0 | 12.5 | 0.0 | 12.5 | q | | 85.5 | 5.6 | 5.5 | 3.4 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.5 | 12.5 | 62.5 | 12.5 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.5 | 0.0 | 75.0 | 12.5 | | p | 11.3 | 14.4 | 48.9 | 25.0 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 0.0 | 50.0 | 0.0 | | p | 48.4 | 7.1 | 32.5 | 12.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 50.0 | 25.0 | 12.5 | 12.5 | q | | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 89.3 | 3.9 | 5.2 | 1.5 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 12.5 | 62.5 | 0.0 | 25.0 | | p | 23.8 | 53.6 | 10.4 | 12.1 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 37.5 | 62.5 | 0.0 | q | | 1.3 | 73.8 | 21.7 | 2.9 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 12.5 | 12.5 | 75.0 | q | | 4.1 | 2.9 | 3.6 | 89.3 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 12.5 | 87.5 | | p | 9.5 | 16.8 | 10.6 | 62.7 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 50.0 | 12.5 | 12.5 | 25.0 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 12.5 | 50.0 | 25.0 | 12.5 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 12.5 | 12.5 | 0.0 | 75.0 | q | | 3.8 | 10.1 | 6.8 | 79.3 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 0.0 | 12.5 | 62.5 | 25.0 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 62.5 | 25.0 | 12.5 | q | | 6.0 | 68.3 | 21.5 | 4.1 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 87.5 | 12.5 | | p | 2.6 | 1.7 | 81.9 | 13.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 62.5 | 0.0 | 12.5 | 25.0 | | p | 56.4 | 16.6 | 8.1 | 18.8 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 25.0 | 62.5 | 12.5 | 0.0 | q | | 9.2 | 67.7 | 15.0 | 8.0 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 12.5 | 12.5 | 75.0 | q | | 2.3 | 8.0 | 11.6 | 78.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 0.0 | 37.5 | 12.5 | | p | 49.5 | 10.4 | 35.0 | 5.0 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 75.0 | 25.0 | 0.0 | 0.0 | | p | 51.7 | 26.4 | 13.4 | 8.3 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 11.4 | 62.8 | 13.3 | 12.1 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 25.0 | 25.0 | 12.5 | 37.5 | q | | 29.1 | 30.6 | 13.6 | 26.3 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 87.5 | 0.0 | 12.5 | 0.0 | | p | 54.1 | 13.2 | 13.1 | 19.4 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 37.5 | 37.5 | 25.0 | 0.0 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 62.5 | 25.0 | 12.5 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 50.0 | 25.0 | 25.0 | q | | 5.9 | 37.0 | 9.6 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 25.0 | 0.0 | 75.0 | 0.0 | q | | 7.9 | 3.4 | 85.7 | 2.8 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 62.5 | 12.5 | 25.0 | 0.0 | | p | 32.8 | 38.1 | 20.5 | 7.7 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 12.5 | 0.0 | 62.5 | 25.0 | | p | 37.2 | 12.1 | 39.5 | 10.5 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#219 - Marystown Central High, Marystown

Grades: 10-12

| Item | Key | School [N=114] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 1.8 | 98.3 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 6.1 | 30.7 | 13.2 | 50.0 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 22.8 | 2.6 | 58.8 | 15.8 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.1 | 10.5 | 36.8 | 31.6 | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.4 | 3.5 | 74.6 | 10.5 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 5.3 | 7.0 | 69.3 | 18.4 | | P | 10.3 | 13.4 | 50.5 | 25.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 89.5 | 2.6 | 3.5 | 4.4 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 1.8 | 3.5 | 86.0 | 8.8 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.2 | 50.0 | 21.1 | 13.2 | | P | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 14.9 | 77.2 | 5.3 | 2.6 | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 36.0 | 21.9 | 36.8 | 5.3 | | P | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 47.4 | 17.5 | 29.0 | 6.1 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 63.2 | 5.3 | 9.7 | 21.9 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 6.1 | 3.5 | 7.9 | 82.5 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 21.1 | 36.0 | 10.5 | 31.6 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 35.1 | 5.3 | 4.4 | 55.3 | | Q | 45.8 | 14.4 | 6.6 | 33.2 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 67.5 | 8.8 | 7.0 | 15.8 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 14.0 | 51.8 | 28.1 | 6.1 | | P | 29.6 | 49.1 | 16.2 | 5.0 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 8.8 | 13.2 | 9.7 | 68.4 | | Q | 5.7 | 15.9 | 9.7 | 68.7 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 7.0 | 15.8 | 43.9 | 33.3 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 79.0 | 7.0 | 12.3 | 1.8 | | Q | 85.5 | 5.6 | 5.5 | 3.4 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.7 | 47.4 | 26.3 | 15.8 | | P | 16.2 | 43.4 | 27.5 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 10.5 | 13.2 | 48.3 | 27.2 | | Q | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.9 | 7.0 | 29.8 | 12.3 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 71.9 | 3.5 | 11.4 | 13.2 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 89.5 | 3.5 | 6.1 | 0.9 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 26.3 | 58.8 | 8.8 | 6.1 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.9 | 73.7 | 21.9 | 3.5 | | Q | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.3 | 2.6 | 2.6 | 89.5 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.5 | 13.2 | 14.0 | 62.3 | | Q | 9.5 | 16.8 | 10.6 | 62.7 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 13.2 | 7.0 | 56.1 | 23.7 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 49.1 | 28.1 | 16.7 | 6.1 | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.6 | 6.1 | 2.6 | 88.6 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 31.6 | 10.5 | 52.6 | 4.4 | | Q | 24.4 | 8.0 | 61.0 | 6.3 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.4 | 71.9 | 21.9 | 0.9 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.8 | 1.8 | 82.5 | 14.0 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 55.3 | 19.3 | 9.7 | 15.8 | | Q | 56.4 | 16.6 | 8.1 | 18.8 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 4.4 | 78.1 | 14.9 | 2.6 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 7.9 | 6.1 | 16.7 | 69.3 | | Q | 2.3 | 8.0 | 11.6 | 78.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.9 | 12.3 | 31.6 | 5.3 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 69.3 | 15.8 | 9.7 | 5.3 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.1 | 70.2 | 12.3 | 9.7 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 36.0 | 30.7 | 18.4 | 14.0 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 59.7 | 9.7 | 14.9 | 15.8 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 22.8 | 50.0 | 17.5 | 8.8 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.3 | 91.2 | 3.5 | 0.0 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.1 | 31.6 | 14.9 | 46.5 | | Q | 5.9 | 37.0 | 9.6 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.0 | 5.3 | 85.1 | 2.6 | | Q | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 37.7 | 36.8 | 17.5 | 7.0 | | Q | 32.8 | 38.1 | 20.5 | 7.7 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 30.7 | 9.7 | 47.4 | 10.5 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#223 - Christ the King School, Rushoon

Grades: K-12

| Item | Key | School [N=13] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 92.3 | 7.7 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 15.4 | 38.5 | 15.4 | 30.8 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 46.2 | 0.0 | 30.8 | 23.1 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 7.7 | 15.4 | 46.2 | 30.8 | q | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 15.4 | 15.4 | 61.5 | 7.7 | q | 9.8 | 2.6 | 76.6 | 10.9 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.7 | 7.7 | 69.2 | 15.4 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 38.5 | 15.4 | 7.7 | 38.5 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 7.7 | 7.7 | 69.2 | 15.4 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 15.4 | 38.5 | 15.4 | 30.8 | q | 14.7 | 49.1 | 19.9 | 15.9 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 46.2 | 53.9 | 0.0 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 23.1 | 38.5 | 38.5 | 0.0 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 38.5 | 23.1 | 23.1 | 15.4 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 69.2 | 15.4 | 7.7 | 7.7 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 15.4 | 84.6 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 30.8 | 30.8 | 15.4 | 23.1 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 61.5 | 7.7 | 15.4 | 15.4 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 46.2 | 7.7 | 23.1 | 23.1 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.8 | 30.8 | 23.1 | 15.4 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 15.4 | 15.4 | 7.7 | 61.5 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 7.7 | 23.1 | 38.5 | 30.8 | p | 10.9 | 21.4 | 33.5 | 34.2 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 61.5 | 0.0 | 23.1 | 15.4 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 7.7 | 46.2 | 23.1 | 23.1 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 15.4 | 23.1 | 38.5 | 23.1 | q | 11.3 | 14.4 | 48.9 | 25.0 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 30.8 | 15.4 | 38.5 | 15.4 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 61.5 | 7.7 | 0.0 | 30.8 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 84.6 | 7.7 | 7.7 | 0.0 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 38.5 | 15.4 | 15.4 | 30.8 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 46.2 | 38.5 | 15.4 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 15.4 | 7.7 | 76.9 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.7 | 30.8 | 0.0 | 61.5 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 7.7 | 38.5 | 23.1 | 30.8 | q | 19.2 | 8.8 | 46.3 | 25.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 23.1 | 38.5 | 15.4 | 23.1 | q | 45.3 | 28.4 | 13.7 | 12.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 15.4 | 15.4 | 15.4 | 53.9 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 15.4 | 7.7 | 46.2 | 23.1 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 23.1 | 53.9 | 23.1 | 0.0 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 76.9 | 23.1 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 38.5 | 15.4 | 7.7 | 38.5 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 15.4 | 38.5 | 38.5 | 7.7 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 7.7 | 23.1 | 23.1 | 46.2 | q | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 46.2 | 23.1 | 15.4 | 15.4 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 38.5 | 23.1 | 23.1 | 15.4 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 23.1 | 46.2 | 7.7 | 23.1 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 15.4 | 46.2 | 15.4 | 23.1 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 46.2 | 7.7 | 7.7 | 38.5 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 23.1 | 30.8 | 38.5 | 7.7 | q | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 53.9 | 23.1 | 23.1 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 76.9 | 7.7 | 15.4 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 23.1 | 7.7 | 69.2 | 0.0 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 23.1 | 38.5 | 23.1 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 53.9 | 15.4 | 30.8 | 0.0 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#226 - Fortune Bay Academy, St. Bernard's - Jacques Fontaine

Grades: K-12

| Item | Key | School [N=1] | | | | District [N=2,157] | | | | Province [N=3,499] | | | | | |
|------|-----|---|---|---|---|--------------------|------|------|------|--------------------|------|------|------|------|------|
| | | A | B | C | D | A | B | C | D | A | B | C | D | | |
| 1. | B | | | | | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 | |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 | |
| 5. | C | | | | | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 | |
| 6. | C | | | | | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 | |
| 7. | A | | | | | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 | |
| 8. | C | | | | | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 | |
| 9. | B | | | | | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 | |
| 10. | B | | | | | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 | |
| 11. | C | | | | | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 | |
| 12. | A | | | | | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 | |
| 13. | A | | | | | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 | |
| 14. | D | | | | | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 | |
| 15. | B | | | | | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 | |
| 16. | A | | | | | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 | |
| 17. | A | | | | | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 | |
| 18. | B | | | | | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 | |
| 19. | D | | | | | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 | |
| 20. | C | | | | | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 | |
| 21. | A | | | | | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 | |
| 22. | B | | | | | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 | |
| 23. | C | | | | | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 | |
| 24. | A | | | | | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 | |
| 25. | A | | | | | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 | |
| 26. | A | | | | | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 | |
| 27. | B | | | | | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 | |
| 28. | B | | | | | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 | |
| 29. | D | | | | | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 | |
| 30. | D | | | | | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 | |
| 31. | C | | | | | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 | |
| 32. | A | | | | | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 | |
| 33. | D | | | | | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 | |
| 34. | C | | | | | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 | |
| 35. | B | | | | | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 | |
| 36. | C | | | | | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 | |
| 37. | A | | | | | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 | |
| 38. | B | | | | | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 | |
| 39. | D | | | | | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 | |
| 40. | C | | | | | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 | |
| 41. | A | | | | | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 | |
| 42. | B | | | | | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 | |
| 43. | A | | | | | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 | |
| 44. | A | | | | | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 | |
| 45. | B | | | | | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 | |
| 46. | B | | | | | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 | |
| 47. | D | | | | | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 | |
| 48. | C | | | | | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 | |
| 49. | C | | | | | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 | |
| 50. | C | | | | | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#228 - St. Lawrence Academy, St. Lawrence

Grades: K-12

| Item | Key | School [N=6] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 0.0 | 83.3 | 0.0 | 16.7 | q | | 2.5 | 95.0 | 1.4 | 1.2 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 16.7 | 33.3 | 16.7 | 33.3 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.3 | 0.0 | 33.3 | 33.3 | q | | 32.6 | 4.7 | 45.5 | 17.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.7 | 33.3 | 33.3 | 16.7 | q | | 23.5 | 14.9 | 30.2 | 31.4 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 16.7 | 50.0 | 33.3 | q | | 9.8 | 2.6 | 76.6 | 10.9 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 50.0 | 50.0 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 0.0 | 50.0 | 0.0 | q | | 71.4 | 4.9 | 8.4 | 15.2 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 83.3 | 16.7 | q | | 2.5 | 3.7 | 83.8 | 10.0 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 16.7 | 16.7 | 66.7 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.7 | 83.3 | 0.0 | 0.0 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 33.3 | 0.0 | 66.7 | 0.0 | | p | 29.9 | 27.2 | 35.9 | 6.9 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 16.7 | 66.7 | 16.7 | 0.0 | q | | 43.8 | 19.6 | 26.5 | 9.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 50.0 | 0.0 | 50.0 | 0.0 | q | | 66.9 | 10.1 | 11.2 | 11.7 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 33.3 | 66.7 | q | | 2.8 | 6.3 | 8.7 | 82.2 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 66.7 | 0.0 | 16.7 | 16.7 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 16.7 | 16.7 | 33.3 | 33.3 | q | | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 50.0 | 16.7 | 0.0 | 33.3 | q | | 65.1 | 9.6 | 10.5 | 14.5 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 16.7 | 50.0 | 33.3 | 0.0 | | p | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 16.7 | 0.0 | 83.3 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 16.7 | 50.0 | 33.3 | | p | 10.9 | 21.4 | 33.5 | 34.2 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | | p | 85.5 | 5.6 | 5.5 | 3.4 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 66.7 | 33.3 | 0.0 | | p | 16.2 | 43.4 | 27.5 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 16.7 | 0.0 | 33.3 | 50.0 | q | | 11.3 | 14.4 | 48.9 | 25.0 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 33.3 | 0.0 | 50.0 | 16.7 | q | | 48.4 | 7.1 | 32.5 | 12.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 66.7 | 0.0 | 33.3 | 0.0 | q | | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 66.7 | 16.7 | 16.7 | 0.0 | q | | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 66.7 | 16.7 | 16.7 | 0.0 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 33.3 | 0.0 | q | | 1.3 | 73.8 | 21.7 | 2.9 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 16.7 | 0.0 | 83.3 | q | | 4.1 | 2.9 | 3.6 | 89.3 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 50.0 | 0.0 | 50.0 | q | | 9.5 | 16.8 | 10.6 | 62.7 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 16.7 | 0.0 | 33.3 | 50.0 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 33.3 | 66.7 | 0.0 | 0.0 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 33.3 | 66.7 | q | | 3.8 | 10.1 | 6.8 | 79.3 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 16.7 | 33.3 | 16.7 | q | | 24.4 | 8.0 | 61.0 | 6.3 | q | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 83.3 | 0.0 | 16.7 | | p | 6.0 | 68.3 | 21.5 | 4.1 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 50.0 | 50.0 | q | | 2.6 | 1.7 | 81.9 | 13.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 33.3 | 33.3 | 0.0 | 33.3 | q | | 56.4 | 16.6 | 8.1 | 18.8 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 83.3 | 0.0 | 16.7 | | p | 9.2 | 67.7 | 15.0 | 8.0 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 33.3 | 66.7 | q | | 2.3 | 8.0 | 11.6 | 78.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 16.7 | 33.3 | 50.0 | 0.0 | | p | 49.5 | 10.4 | 35.0 | 5.0 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 83.3 | 0.0 | 0.0 | 16.7 | | p | 51.7 | 26.4 | 13.4 | 8.3 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 33.3 | 33.3 | 16.7 | q | | 11.4 | 62.8 | 13.3 | 12.1 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 0.0 | 50.0 | 0.0 | 50.0 | q | | 29.1 | 30.6 | 13.6 | 26.3 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 33.3 | 16.7 | 33.3 | 16.7 | q | | 54.1 | 13.2 | 13.1 | 19.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 16.7 | 16.7 | 66.7 | 0.0 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | p | 8.1 | 80.3 | 8.2 | 3.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 50.0 | 16.7 | 33.3 | q | | 5.9 | 37.0 | 9.6 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | p | 7.9 | 3.4 | 85.7 | 2.8 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 16.7 | 50.0 | 33.3 | 0.0 | | p | 32.8 | 38.1 | 20.5 | 7.7 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 16.7 | 0.0 | 50.0 | q | | 37.2 | 12.1 | 39.5 | 10.5 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#229 - St. Joseph's All Grade, Terrenceville

Grades: K-12

| Item | Key | School [N=11] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 9.1 | 27.3 | 63.6 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 36.4 | 18.2 | 36.4 | 9.1 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 9.1 | 54.6 | 9.1 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 18.2 | 18.2 | 45.5 | 18.2 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 90.9 | 0.0 | 0.0 | 9.1 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 9.1 | 90.9 | 0.0 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.2 | 54.6 | 9.1 | 18.2 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.2 | 72.7 | 9.1 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 9.1 | 18.2 | 72.7 | 0.0 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 54.6 | 9.1 | 27.3 | 9.1 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 63.6 | 9.1 | 0.0 | 27.3 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 9.1 | 0.0 | 90.9 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 81.8 | 0.0 | 0.0 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 54.6 | 18.2 | 0.0 | 27.3 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.3 | 54.6 | 18.2 | 0.0 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 45.5 | 0.0 | 54.6 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 27.3 | 18.2 | 54.6 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 18.2 | 72.7 | 0.0 | 9.1 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.1 | 9.1 | 63.6 | 18.2 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 27.3 | 9.1 | 45.5 | 18.2 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 81.8 | 9.1 | 0.0 | 9.1 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 9.1 | 90.9 | 0.0 | 0.0 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 9.1 | 90.9 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 9.1 | 0.0 | 90.9 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 9.1 | 0.0 | 63.6 | 27.3 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 54.6 | 45.5 | 0.0 | 0.0 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 0.0 | 0.0 | 90.9 | 9.1 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 72.7 | 0.0 | 0.0 | 27.3 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 36.4 | 63.6 | 0.0 | 0.0 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 36.4 | 18.2 | 45.5 | 0.0 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 63.6 | 27.3 | 9.1 | 0.0 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 72.7 | 9.1 | 18.2 | 0.0 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 54.6 | 18.2 | 18.2 | 9.1 | p | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 9.1 | 90.9 | 0.0 | 0.0 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 18.2 | 0.0 | 81.8 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 63.6 | 27.3 | 9.1 | 0.0 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 63.6 | 0.0 | 36.4 | 0.0 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#231 - Discovery Collegiate, Bonavista

Grades: 8-12

| Item | Key | School [N=33] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|-------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 3.0 | 93.9 | 3.0 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 12.1 | 18.2 | 69.7 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 48.5 | 6.1 | 27.3 | 18.2 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 12.1 | 0.0 | 42.4 | 45.5 | p | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 18.2 | 18.2 | 45.5 | 18.2 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 87.9 | 12.1 | 0.0 | 0.0 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 97.0 | 3.0 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 9.1 | 72.7 | 6.1 | 12.1 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 24.2 | 63.6 | 12.1 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 36.4 | 9.1 | 54.6 | 0.0 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 51.5 | 21.2 | 21.2 | 6.1 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 78.8 | 0.0 | 9.1 | 12.1 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 3.0 | 6.1 | 90.9 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 18.2 | 36.4 | 21.2 | 24.2 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 48.5 | 15.2 | 3.0 | 33.3 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 69.7 | 6.1 | 12.1 | 12.1 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 15.2 | 63.6 | 15.2 | 6.1 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 12.1 | 18.2 | 9.1 | 60.6 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 9.1 | 18.2 | 27.3 | 45.5 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 72.7 | 15.2 | 9.1 | 3.0 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.1 | 60.6 | 12.1 | 18.2 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 15.2 | 9.1 | 51.5 | 24.2 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 60.6 | 0.0 | 30.3 | 9.1 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 63.6 | 6.1 | 12.1 | 18.2 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 97.0 | 0.0 | 3.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 18.2 | 75.8 | 6.1 | 0.0 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.0 | 87.9 | 9.1 | 0.0 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.1 | 3.0 | 0.0 | 90.9 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 15.2 | 12.1 | 18.2 | 54.6 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 12.1 | 0.0 | 78.8 | 9.1 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 51.5 | 18.2 | 18.2 | 9.1 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 3.0 | 0.0 | 97.0 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 3.0 | 66.7 | 3.0 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 97.0 | 3.0 | 0.0 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 12.1 | 0.0 | 81.8 | 6.1 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 75.8 | 6.1 | 3.0 | 15.2 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 6.1 | 78.8 | 9.1 | 6.1 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 3.0 | 6.1 | 90.9 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 42.4 | 9.1 | 39.4 | 9.1 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 54.6 | 30.3 | 6.1 | 9.1 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 15.2 | 51.5 | 21.2 | 12.1 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.3 | 30.3 | 18.2 | 18.2 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 54.6 | 9.1 | 15.2 | 21.2 | p | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 21.2 | 45.5 | 24.2 | 9.1 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 84.9 | 3.0 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.1 | 15.2 | 6.1 | 72.7 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 15.2 | 0.0 | 84.9 | 0.0 | q | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 42.4 | 36.4 | 12.1 | 9.1 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 36.4 | 3.0 | 54.6 | 6.1 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#235 - Clarendville High School, Clarendville

Grades: 9-12

| Item | Key | School [N=30] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 6.7 | 93.3 | 0.0 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 10.0 | 20.0 | 70.0 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 0.0 | 53.3 | 16.7 | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 40.0 | 13.3 | 16.7 | 30.0 | q | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 3.3 | 0.0 | 93.3 | 3.3 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.3 | 10.0 | 53.3 | 23.3 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 73.3 | 3.3 | 3.3 | 16.7 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 96.7 | 3.3 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 20.0 | 56.7 | 3.3 | 20.0 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 23.3 | 73.3 | 3.3 | 0.0 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 16.7 | 16.7 | 63.3 | 3.3 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 6.7 | 26.7 | 6.7 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 70.0 | 3.3 | 10.0 | 16.7 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 6.7 | 10.0 | 83.3 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 40.0 | 36.7 | 0.0 | 23.3 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 80.0 | 0.0 | 0.0 | 20.0 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 66.7 | 6.7 | 10.0 | 16.7 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 43.3 | 40.0 | 13.3 | 3.3 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.7 | 30.0 | 6.7 | 56.7 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 3.3 | 20.0 | 23.3 | 53.3 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 80.0 | 6.7 | 10.0 | 3.3 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 3.3 | 60.0 | 26.7 | 10.0 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 13.3 | 16.7 | 56.7 | 13.3 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 73.3 | 3.3 | 20.0 | 3.3 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 66.7 | 26.7 | 0.0 | 6.7 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 96.7 | 0.0 | 3.3 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 16.7 | 63.3 | 13.3 | 6.7 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 86.7 | 10.0 | 3.3 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 3.3 | 0.0 | 96.7 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 3.3 | 10.0 | 6.7 | 80.0 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 33.3 | 6.7 | 46.7 | 13.3 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 53.3 | 33.3 | 13.3 | 0.0 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.3 | 13.3 | 3.3 | 80.0 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 20.0 | 3.3 | 66.7 | 10.0 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.7 | 73.3 | 20.0 | 0.0 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.3 | 0.0 | 93.3 | 3.3 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 73.3 | 0.0 | 3.3 | 23.3 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 3.3 | 73.3 | 16.7 | 6.7 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 6.7 | 6.7 | 86.7 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 0.0 | 43.3 | 6.7 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 73.3 | 13.3 | 3.3 | 10.0 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 70.0 | 10.0 | 3.3 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 60.0 | 10.0 | 6.7 | 23.3 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 80.0 | 13.3 | 3.3 | 3.3 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 26.7 | 46.7 | 10.0 | 16.7 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.3 | 26.7 | 0.0 | 70.0 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 6.7 | 3.3 | 90.0 | 0.0 | p | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 46.7 | 30.0 | 16.7 | 6.7 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.3 | 3.3 | 50.0 | 13.3 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#240 - Bishop White School, Port Rexton

Grades: K-12

| Item | Key | School [N=3] | | | | District [N=2,157] | | | | School Below Above Province [N=3,499] | | | | | | | | | |
|------|-----|---|---|---|---|--------------------|-------|----------|------|---------------------------------------|------|---|-------|-------|----------|------|------|---|---|
| | | A | B | C | D | Below | Above | District | A | B | C | D | Below | Above | Province | A | B | C | D |
| 1. | B | | | | | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 | | |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 | | |
| 3. | C | | | | | | q | 32.6 | 4.7 | 45.5 | 17.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 | | |
| 4. | D | | | | | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 | | |
| 5. | C | | | | | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 | | |
| 6. | C | | | | | | P | 10.3 | 13.4 | 50.5 | 25.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 | | |
| 7. | A | | | | | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 | | |
| 8. | C | | | | | | q | 2.5 | 3.7 | 83.8 | 10.0 | | q | 3.1 | 4.1 | 82.6 | 10.1 | | |
| 9. | B | | | | | | P | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 | | |
| 10. | B | | | | | | q | 19.4 | 73.0 | 5.3 | 2.3 | | q | 20.3 | 72.4 | 4.9 | 2.4 | | |
| 11. | C | | | | | | P | 29.9 | 27.2 | 35.9 | 6.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 | | |
| 12. | A | | | | | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 | | |
| 13. | A | | | | | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 | | |
| 14. | D | | | | | | q | 2.8 | 6.3 | 8.7 | 82.2 | | q | 3.2 | 6.8 | 8.8 | 81.2 | | |
| 15. | B | | | | | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 | | |
| 16. | A | | | | | | q | 45.8 | 14.4 | 6.6 | 33.2 | | q | 46.5 | 14.1 | 6.7 | 32.6 | | |
| 17. | A | | | | | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 | | |
| 18. | B | | | | | | q | 29.6 | 49.1 | 16.2 | 5.0 | | q | 28.2 | 52.0 | 15.0 | 4.7 | | |
| 19. | D | | | | | | q | 5.7 | 15.9 | 9.7 | 68.7 | | q | 5.7 | 15.5 | 9.1 | 69.7 | | |
| 20. | C | | | | | | q | 10.9 | 21.4 | 33.5 | 34.2 | | q | 10.6 | 20.6 | 35.1 | 33.6 | | |
| 21. | A | | | | | | q | 85.5 | 5.6 | 5.5 | 3.4 | | q | 85.3 | 6.1 | 5.5 | 3.1 | | |
| 22. | B | | | | | | P | 16.2 | 43.4 | 27.5 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 | | |
| 23. | C | | | | | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 | | |
| 24. | A | | | | | | q | 48.4 | 7.1 | 32.5 | 12.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 | | |
| 25. | A | | | | | | q | 66.9 | 9.6 | 10.1 | 13.4 | | q | 67.5 | 10.1 | 9.7 | 12.8 | | |
| 26. | A | | | | | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 | | |
| 27. | B | | | | | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 | | |
| 28. | B | | | | | | q | 1.3 | 73.8 | 21.7 | 2.9 | | q | 1.7 | 73.4 | 22.2 | 2.4 | | |
| 29. | D | | | | | | q | 4.1 | 2.9 | 3.6 | 89.3 | | q | 4.1 | 3.2 | 3.4 | 89.3 | | |
| 30. | D | | | | | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 | | |
| 31. | C | | | | | | q | 19.2 | 8.8 | 46.3 | 25.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 | | |
| 32. | A | | | | | | q | 45.3 | 28.4 | 13.7 | 12.0 | | q | 44.1 | 28.2 | 14.2 | 12.8 | | |
| 33. | D | | | | | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 | | |
| 34. | C | | | | | | q | 24.4 | 8.0 | 61.0 | 6.3 | | q | 25.6 | 7.6 | 61.2 | 5.5 | | |
| 35. | B | | | | | | q | 6.0 | 68.3 | 21.5 | 4.1 | | q | 6.2 | 67.0 | 22.2 | 4.3 | | |
| 36. | C | | | | | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 | | |
| 37. | A | | | | | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 | | |
| 38. | B | | | | | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 | | |
| 39. | D | | | | | | q | 2.3 | 8.0 | 11.6 | 78.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 | | |
| 40. | C | | | | | | q | 49.5 | 10.4 | 35.0 | 5.0 | | q | 49.8 | 10.4 | 34.5 | 5.1 | | |
| 41. | A | | | | | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 | | |
| 42. | B | | | | | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 | | |
| 43. | A | | | | | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 | | |
| 44. | A | | | | | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 | | |
| 45. | B | | | | | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 | | |
| 46. | B | | | | | | q | 8.1 | 80.3 | 8.2 | 3.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 | | |
| 47. | D | | | | | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 | | |
| 48. | C | | | | | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 | | |
| 49. | C | | | | | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 | | |
| 50. | C | | | | | | q | 37.2 | 12.1 | 39.5 | 10.5 | | q | 36.6 | 12.7 | 39.2 | 10.8 | | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#242 - Random Island Academy, Random Island

Grades: K-12

| Item | Key | School [N=15] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|-------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 93.3 | 6.7 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 26.7 | 33.3 | 13.3 | 26.7 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.3 | 6.7 | 33.3 | 26.7 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 26.7 | 33.3 | 26.7 | 13.3 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 13.3 | 6.7 | 60.0 | 20.0 | q | 9.8 | 2.6 | 76.6 | 10.9 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.3 | 6.7 | 46.7 | 33.3 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 26.7 | 33.3 | 20.0 | 20.0 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 6.7 | 6.7 | 73.3 | 13.3 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 6.7 | 53.3 | 33.3 | 6.7 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 33.3 | 66.7 | 0.0 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 26.7 | 20.0 | 46.7 | 6.7 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 46.7 | 20.0 | 13.3 | 20.0 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 13.3 | 13.3 | 6.7 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 6.7 | 20.0 | 73.3 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 13.3 | 20.0 | 6.7 | 60.0 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 53.3 | 0.0 | 20.0 | 26.7 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.0 | 13.3 | 13.3 | 13.3 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 40.0 | 26.7 | 33.3 | 0.0 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 6.7 | 13.3 | 80.0 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 6.7 | 26.7 | 20.0 | 46.7 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 80.0 | 6.7 | 6.7 | 6.7 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 33.3 | 60.0 | 0.0 | 6.7 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 26.7 | 20.0 | 33.3 | 20.0 | q | 11.3 | 14.4 | 48.9 | 25.0 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 46.7 | 13.3 | 33.3 | 6.7 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 73.3 | 6.7 | 0.0 | 20.0 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.3 | 6.7 | 0.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 26.7 | 33.3 | 20.0 | 20.0 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 73.3 | 26.7 | 0.0 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 6.7 | 6.7 | 86.7 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 6.7 | 60.0 | 33.3 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 20.0 | 46.7 | 26.7 | 6.7 | q | 45.3 | 28.4 | 13.7 | 12.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 20.0 | 13.3 | 66.7 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 6.7 | 53.3 | 6.7 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 13.3 | 53.3 | 20.0 | 13.3 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 73.3 | 26.7 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 53.3 | 6.7 | 6.7 | 33.3 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 20.0 | 66.7 | 13.3 | 0.0 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 13.3 | 86.7 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 66.7 | 0.0 | 26.7 | 6.7 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 60.0 | 20.0 | 6.7 | 13.3 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 13.3 | 80.0 | 0.0 | 6.7 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 53.3 | 6.7 | 26.7 | 13.3 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 20.0 | 6.7 | 13.3 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 13.3 | 66.7 | 6.7 | 13.3 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 86.7 | 13.3 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 40.0 | 6.7 | 53.3 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 93.3 | 6.7 | p | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 66.7 | 26.7 | 0.0 | 6.7 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 40.0 | 13.3 | 40.0 | 6.7 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#246 - Swift Current Academy, Swift Current

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=2,157] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|------|------|--------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 10.7 | 27.3 | 13.8 | 48.2 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | q | 32.6 | 4.7 | 45.5 | 17.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | q | 23.5 | 14.9 | 30.2 | 31.4 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | q | 10.3 | 13.4 | 50.5 | 25.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 | | | | |
| 7. | A | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 | | | | |
| 8. | C | | | | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 | |
| 9. | B | | | | | P | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 | |
| 10. | B | | | | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 | |
| 11. | C | | | | | q | 29.9 | 27.2 | 35.9 | 6.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 | |
| 12. | A | | | | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 | |
| 13. | A | | | | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 | |
| 14. | D | | | | | q | 2.8 | 6.3 | 8.7 | 82.2 | | q | 3.2 | 6.8 | 8.8 | 81.2 | |
| 15. | B | | | | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 | |
| 16. | A | | | | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 | |
| 17. | A | | | | | q | 65.1 | 9.6 | 10.5 | 14.5 | | q | 63.9 | 10.4 | 10.4 | 14.8 | |
| 18. | B | | | | | P | 29.6 | 49.1 | 16.2 | 5.0 | | P | 28.2 | 52.0 | 15.0 | 4.7 | |
| 19. | D | | | | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 | |
| 20. | C | | | | | q | 10.9 | 21.4 | 33.5 | 34.2 | | q | 10.6 | 20.6 | 35.1 | 33.6 | |
| 21. | A | | | | | q | 85.5 | 5.6 | 5.5 | 3.4 | | q | 85.3 | 6.1 | 5.5 | 3.1 | |
| 22. | B | | | | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 | |
| 23. | C | | | | | q | 11.3 | 14.4 | 48.9 | 25.0 | | q | 11.6 | 14.4 | 47.6 | 26.2 | |
| 24. | A | | | | | q | 48.4 | 7.1 | 32.5 | 12.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 | |
| 25. | A | | | | | q | 66.9 | 9.6 | 10.1 | 13.4 | | q | 67.5 | 10.1 | 9.7 | 12.8 | |
| 26. | A | | | | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 | |
| 27. | B | | | | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 | |
| 28. | B | | | | | q | 1.3 | 73.8 | 21.7 | 2.9 | | q | 1.7 | 73.4 | 22.2 | 2.4 | |
| 29. | D | | | | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 | |
| 30. | D | | | | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 | |
| 31. | C | | | | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 | |
| 32. | A | | | | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 | |
| 33. | D | | | | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 | |
| 34. | C | | | | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 | |
| 35. | B | | | | | q | 6.0 | 68.3 | 21.5 | 4.1 | | q | 6.2 | 67.0 | 22.2 | 4.3 | |
| 36. | C | | | | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 | |
| 37. | A | | | | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 | |
| 38. | B | | | | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 | |
| 39. | D | | | | | q | 2.3 | 8.0 | 11.6 | 78.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 | |
| 40. | C | | | | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 | |
| 41. | A | | | | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 | |
| 42. | B | | | | | q | 11.4 | 62.8 | 13.3 | 12.1 | | q | 12.0 | 63.0 | 13.8 | 11.0 | |
| 43. | A | | | | | q | 29.1 | 30.6 | 13.6 | 26.3 | | q | 28.7 | 30.0 | 13.7 | 27.1 | |
| 44. | A | | | | | q | 54.1 | 13.2 | 13.1 | 19.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 | |
| 45. | B | | | | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 | |
| 46. | B | | | | | q | 8.1 | 80.3 | 8.2 | 3.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 | |
| 47. | D | | | | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 | |
| 48. | C | | | | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 | |
| 49. | C | | | | | q | 32.8 | 38.1 | 20.5 | 7.7 | | q | 31.3 | 39.6 | 20.7 | 7.6 | |
| 50. | C | | | | | q | 37.2 | 12.1 | 39.5 | 10.5 | | q | 36.6 | 12.7 | 39.2 | 10.8 | |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#247 - Roncalli Central High, Avondale

Grades: 5-12

| Item | Key | School [N=32] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.5 | 28.1 | 6.3 | 53.1 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 40.6 | 12.5 | 34.4 | 12.5 | | Q | 32.6 | 4.7 | 45.5 | 17.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 12.5 | 28.1 | 34.4 | 25.0 | | Q | 23.5 | 14.9 | 30.2 | 31.4 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.4 | 0.0 | 78.1 | 12.5 | | P | 9.8 | 2.6 | 76.6 | 10.9 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 25.0 | 18.8 | 43.8 | 12.5 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 62.5 | 6.3 | 21.9 | 9.4 | | Q | 71.4 | 4.9 | 8.4 | 15.2 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.1 | 0.0 | 90.6 | 6.3 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.8 | 46.9 | 12.5 | 18.8 | | Q | 14.7 | 49.1 | 19.9 | 15.9 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 37.5 | 53.1 | 6.3 | 3.1 | | Q | 19.4 | 73.0 | 5.3 | 2.3 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 21.9 | 34.4 | 31.3 | 12.5 | | Q | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 43.8 | 15.6 | 21.9 | 15.6 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 65.6 | 15.6 | 12.5 | 6.3 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.1 | 6.3 | 0.0 | 90.6 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 34.4 | 43.8 | 6.3 | 15.6 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 62.5 | 15.6 | 6.3 | 15.6 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.9 | 3.1 | 9.4 | 15.6 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 21.9 | 56.3 | 21.9 | 0.0 | | P | 29.6 | 49.1 | 16.2 | 5.0 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.3 | 15.6 | 6.3 | 71.9 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 6.3 | 18.8 | 21.9 | 53.1 | | Q | 10.9 | 21.4 | 33.5 | 34.2 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 78.1 | 3.1 | 15.6 | 3.1 | | Q | 85.5 | 5.6 | 5.5 | 3.4 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.4 | 40.6 | 34.4 | 15.6 | | Q | 16.2 | 43.4 | 27.5 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 6.3 | 9.4 | 62.5 | 21.9 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 43.8 | 15.6 | 37.5 | 3.1 | | Q | 48.4 | 7.1 | 32.5 | 12.0 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 75.0 | 9.4 | 0.0 | 15.6 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 87.5 | 6.3 | 6.3 | 0.0 | | Q | 89.3 | 3.9 | 5.2 | 1.5 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 25.0 | 62.5 | 9.4 | 3.1 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 81.3 | 18.8 | 0.0 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 6.3 | 93.8 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 12.5 | 6.3 | 81.3 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 15.6 | 6.3 | 68.8 | 9.4 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 50.0 | 25.0 | 21.9 | 3.1 | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 9.4 | 12.5 | 3.1 | 75.0 | | Q | 3.8 | 10.1 | 6.8 | 79.3 | | Q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 28.1 | 3.1 | 68.8 | 0.0 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 9.4 | 75.0 | 9.4 | 6.3 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 59.4 | 12.5 | 9.4 | 18.8 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 87.5 | 9.4 | 3.1 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 3.1 | 18.8 | 78.1 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 34.4 | 15.6 | 40.6 | 9.4 | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 65.6 | 18.8 | 6.3 | 9.4 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.3 | 65.6 | 9.4 | 18.8 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 43.8 | 28.1 | 6.3 | 21.9 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 59.4 | 9.4 | 12.5 | 18.8 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 21.9 | 46.9 | 12.5 | 18.8 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 93.8 | 3.1 | 3.1 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.1 | 34.4 | 9.4 | 53.1 | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 3.1 | 0.0 | 93.8 | 3.1 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 18.8 | 43.8 | 37.5 | 0.0 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 34.4 | 9.4 | 46.9 | 9.4 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#249 - Ascension Collegiate, Bay Roberts

Grades: 10-12

| Item | Key | School [N=155] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 0.7 | 96.1 | 1.3 | 1.9 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 9.0 | 25.8 | 16.1 | 49.0 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 35.5 | 5.2 | 49.7 | 9.7 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 20.0 | 13.6 | 27.7 | 38.7 | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 12.3 | 0.7 | 74.8 | 12.3 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 11.6 | 17.4 | 49.0 | 21.9 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 65.2 | 3.2 | 5.8 | 25.8 | | Q | 71.4 | 4.9 | 8.4 | 15.2 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.7 | 3.9 | 84.5 | 11.0 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.6 | 49.0 | 20.0 | 17.4 | | Q | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 25.2 | 67.1 | 5.2 | 2.6 | | Q | 19.4 | 73.0 | 5.3 | 2.3 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 19.4 | 25.2 | 46.5 | 8.4 | | P | 29.9 | 27.2 | 35.9 | 6.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 56.8 | 11.0 | 25.8 | 6.5 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 69.7 | 12.9 | 7.7 | 9.0 | | P | 66.9 | 10.1 | 11.2 | 11.7 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.3 | 5.2 | 6.5 | 87.1 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.6 | 31.6 | 10.3 | 35.5 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 38.7 | 9.0 | 8.4 | 43.9 | | Q | 45.8 | 14.4 | 6.6 | 33.2 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.0 | 10.3 | 5.8 | 12.3 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.2 | 61.3 | 7.1 | 6.5 | | P | 29.6 | 49.1 | 16.2 | 5.0 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 9.7 | 8.4 | 9.0 | 72.9 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 6.5 | 21.3 | 37.4 | 34.8 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 92.9 | 1.9 | 3.9 | 1.3 | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.3 | 45.2 | 26.5 | 16.1 | | P | 16.2 | 43.4 | 27.5 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.0 | 14.2 | 60.0 | 14.2 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 56.1 | 4.5 | 28.4 | 11.0 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 76.1 | 8.4 | 3.9 | 11.6 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 93.6 | 3.2 | 2.6 | 0.0 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 17.4 | 54.8 | 14.8 | 12.9 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 74.8 | 23.2 | 1.9 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 1.9 | 1.3 | 96.8 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.1 | 13.6 | 8.4 | 70.3 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.8 | 4.5 | 47.7 | 32.9 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 54.2 | 20.7 | 9.7 | 14.8 | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.2 | 5.8 | 5.2 | 85.8 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 24.5 | 4.5 | 63.2 | 7.7 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 3.9 | 67.1 | 22.6 | 5.8 | | Q | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.9 | 2.6 | 75.5 | 20.0 | | Q | 2.6 | 1.7 | 81.9 | 13.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 69.7 | 14.2 | 1.9 | 14.2 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 5.8 | 74.8 | 16.8 | 2.6 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.7 | 5.8 | 12.3 | 80.7 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 60.0 | 7.7 | 28.4 | 3.9 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 55.5 | 25.8 | 11.6 | 7.1 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 7.7 | 67.1 | 13.6 | 11.6 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.3 | 23.9 | 19.4 | 34.8 | | Q | 29.1 | 30.6 | 13.6 | 26.3 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 63.9 | 7.7 | 11.6 | 16.8 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.4 | 41.3 | 20.7 | 9.7 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 4.5 | 88.4 | 3.9 | 3.2 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.9 | 31.6 | 8.4 | 56.1 | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 5.2 | 3.9 | 89.7 | 1.3 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 32.9 | 36.8 | 23.9 | 4.5 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.7 | 11.0 | 36.8 | 11.0 | | Q | 37.2 | 12.1 | 39.5 | 10.5 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#253 - Carbonear Collegiate, Carbonear

Grades: 10-12

| Item | Key | School [N=88] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 9.1 | 86.4 | 3.4 | 1.1 | q | | 2.5 | 95.0 | 1.4 | 1.2 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 1.1 | 12.5 | 17.1 | 69.3 | | p | 10.7 | 27.3 | 13.8 | 48.2 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.0 | 8.0 | 42.1 | 17.1 | q | | 32.6 | 4.7 | 45.5 | 17.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 13.6 | 29.6 | 29.6 | q | | 23.5 | 14.9 | 30.2 | 31.4 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 4.6 | 2.3 | 81.8 | 11.4 | | p | 9.8 | 2.6 | 76.6 | 10.9 | | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.1 | 18.2 | 44.3 | 28.4 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 89.8 | 0.0 | 2.3 | 8.0 | | p | 71.4 | 4.9 | 8.4 | 15.2 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 1.1 | 8.0 | 81.8 | 9.1 | q | | 2.5 | 3.7 | 83.8 | 10.0 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 19.3 | 53.4 | 12.5 | 14.8 | | p | 14.7 | 49.1 | 19.9 | 15.9 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 8.0 | 75.0 | 14.8 | 2.3 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 35.2 | 14.8 | 43.2 | 6.8 | | p | 29.9 | 27.2 | 35.9 | 6.9 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 42.1 | 15.9 | 31.8 | 10.2 | q | | 43.8 | 19.6 | 26.5 | 9.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 84.1 | 9.1 | 3.4 | 3.4 | | p | 66.9 | 10.1 | 11.2 | 11.7 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 2.3 | 11.4 | 6.8 | 79.6 | q | | 2.8 | 6.3 | 8.7 | 82.2 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.4 | 12.5 | 18.2 | 33.0 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 44.3 | 12.5 | 3.4 | 39.8 | q | | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 92.1 | 4.6 | 1.1 | 2.3 | | p | 65.1 | 9.6 | 10.5 | 14.5 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 28.4 | 55.7 | 14.8 | 1.1 | | p | 29.6 | 49.1 | 16.2 | 5.0 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 1.1 | 12.5 | 2.3 | 84.1 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 5.7 | 28.4 | 31.8 | 34.1 | q | | 10.9 | 21.4 | 33.5 | 34.2 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 93.2 | 3.4 | 3.4 | 0.0 | | p | 85.5 | 5.6 | 5.5 | 3.4 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.5 | 52.3 | 26.1 | 9.1 | | p | 16.2 | 43.4 | 27.5 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 5.7 | 11.4 | 53.4 | 29.6 | | p | 11.3 | 14.4 | 48.9 | 25.0 | | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 62.5 | 3.4 | 26.1 | 8.0 | | p | 48.4 | 7.1 | 32.5 | 12.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 67.1 | 17.1 | 6.8 | 9.1 | | p | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.6 | 6.8 | 2.3 | 2.3 | q | | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 35.2 | 50.0 | 4.6 | 10.2 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 86.4 | 11.4 | 2.3 | | p | 1.3 | 73.8 | 21.7 | 2.9 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 3.4 | 0.0 | 0.0 | 96.6 | | p | 4.1 | 2.9 | 3.6 | 89.3 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 12.5 | 8.0 | 8.0 | 71.6 | | p | 9.5 | 16.8 | 10.6 | 62.7 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 17.1 | 2.3 | 40.9 | 39.8 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 69.3 | 20.5 | 5.7 | 4.6 | | p | 45.3 | 28.4 | 13.7 | 12.0 | | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.3 | 5.7 | 8.0 | 84.1 | | p | 3.8 | 10.1 | 6.8 | 79.3 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 5.7 | 67.1 | 0.0 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.6 | 73.9 | 15.9 | 5.7 | | p | 6.0 | 68.3 | 21.5 | 4.1 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.1 | 0.0 | 86.4 | 12.5 | | p | 2.6 | 1.7 | 81.9 | 13.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 69.3 | 8.0 | 6.8 | 15.9 | | p | 56.4 | 16.6 | 8.1 | 18.8 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 11.4 | 65.9 | 15.9 | 6.8 | q | | 9.2 | 67.7 | 15.0 | 8.0 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 4.6 | 8.0 | 87.5 | | p | 2.3 | 8.0 | 11.6 | 78.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 36.4 | 13.6 | 44.3 | 5.7 | | p | 49.5 | 10.4 | 35.0 | 5.0 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 62.5 | 20.5 | 12.5 | 4.6 | | p | 51.7 | 26.4 | 13.4 | 8.3 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.8 | 76.1 | 9.1 | 8.0 | | p | 11.4 | 62.8 | 13.3 | 12.1 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 64.8 | 6.8 | 10.2 | 18.2 | | p | 29.1 | 30.6 | 13.6 | 26.3 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 58.0 | 13.6 | 6.8 | 21.6 | | p | 54.1 | 13.2 | 13.1 | 19.4 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 25.0 | 61.4 | 5.7 | 8.0 | | p | 28.0 | 38.4 | 23.1 | 9.8 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 2.3 | 89.8 | 5.7 | 2.3 | | p | 8.1 | 80.3 | 8.2 | 3.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 5.7 | 33.0 | 6.8 | 53.4 | | p | 5.9 | 37.0 | 9.6 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 19.3 | 3.4 | 71.6 | 5.7 | q | | 7.9 | 3.4 | 85.7 | 2.8 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 35.2 | 30.7 | 26.1 | 6.8 | | p | 32.8 | 38.1 | 20.5 | 7.7 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 28.4 | 6.8 | 52.3 | 12.5 | | p | 37.2 | 12.1 | 39.5 | 10.5 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#274 - St. Catherine's Academy, Mount Carmel

Grades: K-12

| Item | Key | School [N=11] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 27.3 | 27.3 | 45.5 | | q | 10.7 | 27.3 | 13.8 | 48.2 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 45.5 | 0.0 | 54.6 | 0.0 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 18.2 | 27.3 | 27.3 | 27.3 | | q | 23.5 | 14.9 | 30.2 | 31.4 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 18.2 | 0.0 | 72.7 | 9.1 | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 27.3 | 0.0 | 27.3 | 45.5 | | q | 10.3 | 13.4 | 50.5 | 25.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 54.6 | 0.0 | 27.3 | 18.2 | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 90.9 | 9.1 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 36.4 | 36.4 | 27.3 | | q | 14.7 | 49.1 | 19.9 | 15.9 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.2 | 72.7 | 0.0 | 9.1 | | q | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 45.5 | 0.0 | 45.5 | 9.1 | | P | 29.9 | 27.2 | 35.9 | 6.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 45.5 | 27.3 | 27.3 | 0.0 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 81.8 | 9.1 | 9.1 | 0.0 | | P | 66.9 | 10.1 | 11.2 | 11.7 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 9.1 | 0.0 | 9.1 | 81.8 | | q | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.4 | 0.0 | 9.1 | 54.6 | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 63.6 | 9.1 | 0.0 | 27.3 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 72.7 | 0.0 | 9.1 | 18.2 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 36.4 | 27.3 | 36.4 | 0.0 | | q | 29.6 | 49.1 | 16.2 | 5.0 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 36.4 | 18.2 | 36.4 | 9.1 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 63.6 | 18.2 | 0.0 | 18.2 | | q | 85.5 | 5.6 | 5.5 | 3.4 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 18.2 | 27.3 | 18.2 | 36.4 | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.1 | 27.3 | 27.3 | 27.3 | | q | 11.3 | 14.4 | 48.9 | 25.0 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 54.6 | 18.2 | 27.3 | 0.0 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 63.6 | 0.0 | 0.0 | 36.4 | | q | 66.9 | 9.6 | 10.1 | 13.4 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 45.5 | 27.3 | 0.0 | 27.3 | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 81.8 | 9.1 | 9.1 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 9.1 | 0.0 | 9.1 | 81.8 | | q | 4.1 | 2.9 | 3.6 | 89.3 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 0.0 | 18.2 | 81.8 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 45.5 | 9.1 | 18.2 | 27.3 | | q | 19.2 | 8.8 | 46.3 | 25.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 45.5 | 45.5 | 9.1 | 0.0 | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 9.1 | 0.0 | 18.2 | 72.7 | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 9.1 | 63.6 | 0.0 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 72.7 | 18.2 | 9.1 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 81.8 | 18.2 | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 54.6 | 18.2 | 0.0 | 27.3 | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.1 | 54.6 | 36.4 | 0.0 | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 18.2 | 9.1 | 72.7 | | q | 2.3 | 8.0 | 11.6 | 78.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 63.6 | 0.0 | 36.4 | 0.0 | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 36.4 | 36.4 | 27.3 | 0.0 | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.2 | 54.6 | 9.1 | 18.2 | | q | 11.4 | 62.8 | 13.3 | 12.1 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 18.2 | 45.5 | 27.3 | 9.1 | | q | 29.1 | 30.6 | 13.6 | 26.3 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 36.4 | 27.3 | 18.2 | 18.2 | | q | 54.1 | 13.2 | 13.1 | 19.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 9.1 | 45.5 | 36.4 | 9.1 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 54.6 | 9.1 | 36.4 | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 0.0 | 90.9 | 0.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 36.4 | 54.6 | 9.1 | 0.0 | | q | 32.8 | 38.1 | 20.5 | 7.7 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 63.6 | 9.1 | 18.2 | 9.1 | | q | 37.2 | 12.1 | 39.5 | 10.5 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#280 - Laval High, Placentia

Grades: 9-12

| Item | Key | School [N=41] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|-------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 80.5 | 4.9 | 14.6 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 4.9 | 43.9 | 7.3 | 43.9 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 29.3 | 0.0 | 39.0 | 31.7 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 9.8 | 17.1 | 36.6 | 36.6 | p | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.8 | 0.0 | 78.1 | 12.2 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.8 | 17.1 | 56.1 | 17.1 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 73.2 | 0.0 | 2.4 | 24.4 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.9 | 0.0 | 78.1 | 17.1 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 24.4 | 56.1 | 9.8 | 9.8 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 19.5 | 73.2 | 2.4 | 4.9 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 24.4 | 39.0 | 29.3 | 7.3 | q | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 39.0 | 9.8 | 36.6 | 14.6 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 63.4 | 12.2 | 22.0 | 2.4 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 2.4 | 0.0 | 9.8 | 87.8 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.6 | 26.8 | 14.6 | 19.5 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 46.3 | 4.9 | 0.0 | 48.8 | p | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 70.7 | 12.2 | 4.9 | 12.2 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 26.8 | 51.2 | 12.2 | 9.8 | p | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 2.4 | 14.6 | 9.8 | 73.2 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 29.3 | 29.3 | 41.5 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 95.1 | 0.0 | 4.9 | 0.0 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 22.0 | 34.2 | 19.5 | 24.4 | q | 16.2 | 43.4 | 27.5 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 7.3 | 7.3 | 46.3 | 39.0 | q | 11.3 | 14.4 | 48.9 | 25.0 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 56.1 | 9.8 | 26.8 | 7.3 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 70.7 | 4.9 | 17.1 | 7.3 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 87.8 | 4.9 | 7.3 | 0.0 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 36.6 | 56.1 | 4.9 | 2.4 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 78.1 | 19.5 | 2.4 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 14.6 | 22.0 | 9.8 | 53.7 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 17.1 | 12.2 | 31.7 | 39.0 | q | 19.2 | 8.8 | 46.3 | 25.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 46.3 | 29.3 | 14.6 | 9.8 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.4 | 7.3 | 4.9 | 85.4 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 36.6 | 7.3 | 51.2 | 4.9 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.3 | 73.2 | 12.2 | 7.3 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 82.9 | 17.1 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 73.2 | 14.6 | 2.4 | 9.8 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.3 | 87.8 | 4.9 | 0.0 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 22.0 | 78.1 | p | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 51.2 | 2.4 | 41.5 | 4.9 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 78.1 | 12.2 | 7.3 | 0.0 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.2 | 63.4 | 12.2 | 9.8 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 22.0 | 41.5 | 12.2 | 24.4 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 58.5 | 12.2 | 2.4 | 24.4 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 14.6 | 73.2 | 4.9 | 7.3 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.3 | 85.4 | 7.3 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.3 | 31.7 | 7.3 | 53.7 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 29.3 | 0.0 | 68.3 | 0.0 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 19.5 | 53.7 | 9.8 | 14.6 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 34.2 | 14.6 | 41.5 | 7.3 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#286 - Fatima Academy, St. Bride's

Grades: K-12

| Item | Key | School [N=9] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.1 | 55.6 | 22.2 | 11.1 | | q | 10.7 | 27.3 | 13.8 | 48.2 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 55.6 | 0.0 | 22.2 | 22.2 | | q | 32.6 | 4.7 | 45.5 | 17.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 33.3 | 22.2 | 33.3 | 11.1 | | q | 23.5 | 14.9 | 30.2 | 31.4 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.1 | 22.2 | 55.6 | 11.1 | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 22.2 | 66.7 | 11.1 | | P | 10.3 | 13.4 | 50.5 | 25.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 77.8 | 0.0 | 11.1 | 11.1 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 66.7 | 33.3 | | q | 2.5 | 3.7 | 83.8 | 10.0 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 0.0 | 33.3 | 44.4 | 22.2 | | q | 14.7 | 49.1 | 19.9 | 15.9 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 33.3 | 33.3 | 22.2 | 11.1 | | q | 19.4 | 73.0 | 5.3 | 2.3 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 55.6 | 11.1 | 22.2 | 11.1 | | q | 29.9 | 27.2 | 35.9 | 6.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 22.2 | 44.4 | 11.1 | 22.2 | | q | 43.8 | 19.6 | 26.5 | 9.6 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 0.0 | 11.1 | 22.2 | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 33.3 | 66.7 | | q | 2.8 | 6.3 | 8.7 | 82.2 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.2 | 44.4 | 0.0 | 33.3 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 55.6 | 33.3 | 0.0 | 11.1 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 55.6 | 11.1 | 0.0 | 33.3 | | q | 65.1 | 9.6 | 10.5 | 14.5 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 11.1 | 22.2 | 44.4 | 22.2 | | q | 29.6 | 49.1 | 16.2 | 5.0 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 11.1 | 22.2 | 0.0 | 66.7 | | q | 5.7 | 15.9 | 9.7 | 68.7 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 11.1 | 22.2 | 33.3 | 33.3 | | q | 10.9 | 21.4 | 33.5 | 34.2 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 77.8 | 0.0 | 11.1 | 11.1 | | q | 85.5 | 5.6 | 5.5 | 3.4 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 44.4 | 33.3 | 0.0 | 22.2 | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 22.2 | 55.6 | 22.2 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 55.6 | 0.0 | 11.1 | 33.3 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 66.7 | 33.3 | 0.0 | 0.0 | | q | 66.9 | 9.6 | 10.1 | 13.4 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 55.6 | 11.1 | 33.3 | 0.0 | | q | 89.3 | 3.9 | 5.2 | 1.5 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 11.1 | 22.2 | 33.3 | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 22.2 | 11.1 | | q | 1.3 | 73.8 | 21.7 | 2.9 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 11.1 | 0.0 | 0.0 | 88.9 | | q | 4.1 | 2.9 | 3.6 | 89.3 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 33.3 | 11.1 | 55.6 | | q | 9.5 | 16.8 | 10.6 | 62.7 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 11.1 | 0.0 | 55.6 | 33.3 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 44.4 | 44.4 | 0.0 | 11.1 | | q | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 44.4 | 0.0 | 55.6 | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 33.3 | 0.0 | 66.7 | 0.0 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 77.8 | 11.1 | 11.1 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 66.7 | 33.3 | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 55.6 | 11.1 | 33.3 | 0.0 | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 11.1 | 66.7 | 11.1 | 11.1 | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 11.1 | 0.0 | 88.9 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 55.6 | 22.2 | 22.2 | 0.0 | | q | 49.5 | 10.4 | 35.0 | 5.0 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 11.1 | 22.2 | 22.2 | 44.4 | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 88.9 | 0.0 | 11.1 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 0.0 | 55.6 | 11.1 | 33.3 | | q | 29.1 | 30.6 | 13.6 | 26.3 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 44.4 | 22.2 | 22.2 | 11.1 | | q | 54.1 | 13.2 | 13.1 | 19.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 22.2 | 11.1 | 33.3 | 22.2 | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 11.1 | 77.8 | 0.0 | 11.1 | | q | 8.1 | 80.3 | 8.2 | 3.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 44.4 | 22.2 | 33.3 | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 33.3 | 44.4 | 11.1 | 11.1 | | q | 32.8 | 38.1 | 20.5 | 7.7 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 11.1 | 11.1 | 66.7 | 11.1 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#296 - St. Michael's Regional High, Bell Island

Grades: 7-12

| Item | Key | School [N=13] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 7.7 | 84.6 | 7.7 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 23.1 | 23.1 | 7.7 | 46.2 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 46.2 | 23.1 | 15.4 | 15.4 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 38.5 | 7.7 | 46.2 | 7.7 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 7.7 | 7.7 | 76.9 | 7.7 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.7 | 23.1 | 23.1 | 46.2 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 46.2 | 23.1 | 7.7 | 23.1 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 7.7 | 7.7 | 53.9 | 30.8 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 15.4 | 30.8 | 38.5 | 15.4 | q | 14.7 | 49.1 | 19.9 | 15.9 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 30.8 | 61.5 | 7.7 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 38.5 | 38.5 | 23.1 | 0.0 | q | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 30.8 | 30.8 | 30.8 | 7.7 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 76.9 | 0.0 | 7.7 | 15.4 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 7.7 | 7.7 | 15.4 | 69.2 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 23.1 | 7.7 | 15.4 | 53.9 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 7.7 | 38.5 | 7.7 | 46.2 | q | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 46.2 | 7.7 | 7.7 | 38.5 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.8 | 30.8 | 38.5 | 0.0 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 15.4 | 30.8 | 7.7 | 46.2 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 15.4 | 23.1 | 46.2 | 15.4 | p | 10.9 | 21.4 | 33.5 | 34.2 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 76.9 | 15.4 | 7.7 | 0.0 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 7.7 | 23.1 | 61.5 | 7.7 | q | 16.2 | 43.4 | 27.5 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 30.8 | 7.7 | 61.5 | q | 11.3 | 14.4 | 48.9 | 25.0 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 23.1 | 7.7 | 53.9 | 15.4 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 38.5 | 38.5 | 15.4 | 7.7 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 76.9 | 7.7 | 15.4 | 0.0 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 46.2 | 23.1 | 7.7 | 23.1 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 53.9 | 38.5 | 7.7 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 7.7 | 0.0 | 92.3 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.7 | 30.8 | 0.0 | 61.5 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 23.1 | 15.4 | 53.9 | 7.7 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 23.1 | 46.2 | 7.7 | 23.1 | q | 45.3 | 28.4 | 13.7 | 12.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 15.4 | 7.7 | 7.7 | 69.2 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 46.2 | 0.0 | 46.2 | 7.7 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 30.8 | 38.5 | 15.4 | 15.4 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 7.7 | 0.0 | 84.6 | 7.7 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 30.8 | 15.4 | 15.4 | 38.5 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.7 | 76.9 | 0.0 | 15.4 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 23.1 | 30.8 | 46.2 | q | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 61.5 | 7.7 | 15.4 | 15.4 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 46.2 | 38.5 | 7.7 | 7.7 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 7.7 | 53.9 | 15.4 | 23.1 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 15.4 | 46.2 | 7.7 | 30.8 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 76.9 | 7.7 | 0.0 | 15.4 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 38.5 | 23.1 | 38.5 | 0.0 | q | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.7 | 69.2 | 15.4 | 7.7 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 30.8 | 15.4 | 53.9 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 15.4 | 0.0 | 84.6 | 0.0 | q | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 46.2 | 30.8 | 7.7 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.5 | 23.1 | 23.1 | 15.4 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#302 - Queen Elizabeth Regional High School, Conception Bay South

Grades: 10-12

| Item | Key | School [N=100] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 5.0 | 90.0 | 2.0 | 3.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 12.0 | 32.0 | 11.0 | 45.0 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 34.0 | 10.0 | 45.0 | 11.0 | q | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.0 | 17.0 | 33.0 | 29.0 | q | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.0 | 2.0 | 83.0 | 5.0 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.0 | 11.0 | 62.0 | 19.0 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 66.0 | 5.0 | 9.0 | 20.0 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.0 | 2.0 | 81.0 | 12.0 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.0 | 47.0 | 16.0 | 24.0 | q | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 18.0 | 77.0 | 5.0 | 0.0 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 30.0 | 24.0 | 44.0 | 2.0 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 39.0 | 22.0 | 29.0 | 10.0 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 62.0 | 8.0 | 12.0 | 18.0 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 2.0 | 5.0 | 8.0 | 85.0 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 16.0 | 24.0 | 15.0 | 45.0 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 62.0 | 15.0 | 11.0 | 12.0 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 56.0 | 15.0 | 18.0 | 11.0 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.0 | 53.0 | 13.0 | 7.0 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.0 | 13.0 | 5.0 | 75.0 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 12.0 | 17.0 | 28.0 | 43.0 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 92.0 | 3.0 | 3.0 | 2.0 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 22.0 | 55.0 | 17.0 | 6.0 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.0 | 17.0 | 48.0 | 24.0 | q | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 6.0 | 33.0 | 11.0 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 56.0 | 14.0 | 10.0 | 20.0 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 87.0 | 6.0 | 5.0 | 2.0 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 21.0 | 62.0 | 7.0 | 10.0 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.0 | 71.0 | 22.0 | 5.0 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.0 | 3.0 | 2.0 | 90.0 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.0 | 9.0 | 10.0 | 74.0 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 19.0 | 8.0 | 50.0 | 23.0 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 59.0 | 18.0 | 15.0 | 8.0 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.0 | 15.0 | 12.0 | 66.0 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 28.0 | 7.0 | 56.0 | 9.0 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 5.0 | 62.0 | 27.0 | 6.0 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.0 | 2.0 | 83.0 | 14.0 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 60.0 | 22.0 | 4.0 | 14.0 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 3.0 | 75.0 | 11.0 | 11.0 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 3.0 | 13.0 | 21.0 | 63.0 | q | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 44.0 | 8.0 | 44.0 | 4.0 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.0 | 22.0 | 13.0 | 8.0 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.0 | 60.0 | 14.0 | 14.0 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 34.0 | 30.0 | 11.0 | 25.0 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 13.0 | 18.0 | 19.0 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.0 | 30.0 | 30.0 | 10.0 | q | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 19.0 | 67.0 | 8.0 | 6.0 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.0 | 43.0 | 9.0 | 41.0 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 6.0 | 7.0 | 81.0 | 6.0 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 28.0 | 49.0 | 16.0 | 7.0 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 45.0 | 12.0 | 36.0 | 7.0 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#304 - Holy Spirit High, Conception Bay South (Manuels)

Grades: 10-12

| Item | Key | School [N=181] | | | | School Below Above District | | District [N=2,157] | | | | School Below Above Province | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|-----------------------------|---|--------------------|------|------|------|-----------------------------|---|--------------------|------|------|------|
| | | A | B | C | D | | | A | B | C | D | | | A | B | C | D |
| 1. | B | 2.2 | 97.2 | 0.6 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 13.3 | 28.7 | 10.5 | 47.5 | | Q | 10.7 | 27.3 | 13.8 | 48.2 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 33.2 | 5.0 | 43.7 | 18.2 | | Q | 32.6 | 4.7 | 45.5 | 17.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 16.6 | 11.1 | 38.7 | 33.7 | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.1 | 1.1 | 77.9 | 9.9 | | P | 9.8 | 2.6 | 76.6 | 10.9 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.3 | 10.5 | 49.7 | 26.0 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 79.0 | 5.0 | 5.5 | 10.5 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.6 | 5.0 | 86.2 | 8.3 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 16.6 | 47.0 | 22.7 | 13.8 | | Q | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 22.1 | 74.6 | 2.2 | 1.1 | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 31.5 | 26.5 | 33.2 | 8.8 | | Q | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 43.7 | 16.0 | 26.5 | 13.3 | | Q | 43.8 | 19.6 | 26.5 | 9.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 64.6 | 6.6 | 14.9 | 13.8 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.3 | 6.6 | 8.3 | 81.8 | | Q | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.7 | 28.7 | 14.9 | 33.2 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 48.1 | 11.6 | 6.6 | 33.7 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 65.8 | 10.5 | 9.9 | 13.8 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.4 | 58.6 | 7.2 | 3.9 | | P | 29.6 | 49.1 | 16.2 | 5.0 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 5.0 | 14.4 | 15.5 | 65.2 | | Q | 5.7 | 15.9 | 9.7 | 68.7 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 12.7 | 20.4 | 38.1 | 28.7 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 79.6 | 6.1 | 10.5 | 3.9 | | Q | 85.5 | 5.6 | 5.5 | 3.4 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 9.4 | 51.4 | 27.6 | 11.6 | | P | 16.2 | 43.4 | 27.5 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.1 | 15.5 | 49.2 | 23.2 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 37.0 | 9.9 | 37.0 | 16.0 | | Q | 48.4 | 7.1 | 32.5 | 12.0 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 74.0 | 6.6 | 6.1 | 13.3 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.6 | 2.2 | 4.4 | 2.8 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 27.1 | 46.4 | 11.1 | 15.5 | | Q | 23.8 | 53.6 | 10.4 | 12.1 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.8 | 72.4 | 21.6 | 2.8 | | Q | 1.3 | 73.8 | 21.7 | 2.9 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.5 | 4.4 | 5.5 | 84.5 | | Q | 4.1 | 2.9 | 3.6 | 89.3 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 14.4 | 23.2 | 11.1 | 51.4 | | Q | 9.5 | 16.8 | 10.6 | 62.7 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 23.2 | 11.1 | 40.3 | 25.4 | | Q | 19.2 | 8.8 | 46.3 | 25.6 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 43.7 | 29.8 | 13.3 | 12.2 | | Q | 45.3 | 28.4 | 13.7 | 12.0 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 1.7 | 13.8 | 5.0 | 79.6 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.2 | 12.7 | 56.4 | 7.7 | | Q | 24.4 | 8.0 | 61.0 | 6.3 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.2 | 66.9 | 22.7 | 3.3 | | Q | 6.0 | 68.3 | 21.5 | 4.1 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.7 | 2.2 | 84.0 | 12.2 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 50.8 | 18.8 | 11.6 | 18.8 | | Q | 56.4 | 16.6 | 8.1 | 18.8 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.5 | 68.0 | 13.3 | 8.3 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 3.9 | 9.9 | 9.4 | 76.8 | | Q | 2.3 | 8.0 | 11.6 | 78.0 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 51.9 | 14.4 | 28.7 | 5.0 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 37.6 | 28.7 | 19.3 | 14.4 | | Q | 51.7 | 26.4 | 13.4 | 8.3 | | Q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 12.7 | 59.7 | 12.7 | 14.9 | | Q | 11.4 | 62.8 | 13.3 | 12.1 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.4 | 45.9 | 7.7 | 16.0 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 45.9 | 18.8 | 17.1 | 18.2 | | Q | 54.1 | 13.2 | 13.1 | 19.4 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.4 | 32.0 | 26.0 | 10.5 | | Q | 28.0 | 38.4 | 23.1 | 9.8 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 12.7 | 72.9 | 11.1 | 3.3 | | Q | 8.1 | 80.3 | 8.2 | 3.4 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.2 | 37.6 | 13.3 | 42.0 | | Q | 5.9 | 37.0 | 9.6 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.7 | 3.3 | 87.3 | 1.7 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 32.6 | 39.2 | 19.3 | 8.8 | | Q | 32.8 | 38.1 | 20.5 | 7.7 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 32.0 | 14.4 | 34.8 | 18.2 | | Q | 37.2 | 12.1 | 39.5 | 10.5 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#307 - Mobile Central High School, Mobile

Grades: 7-12

| Item | Key | School [N=17] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 5.9 | 88.2 | 0.0 | 5.9 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 17.7 | 64.7 | 5.9 | 11.8 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 58.8 | 11.8 | 17.7 | 11.8 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 23.5 | 17.7 | 35.3 | 23.5 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.8 | 0.0 | 88.2 | 0.0 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 5.9 | 5.9 | 70.6 | 17.7 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 70.6 | 5.9 | 23.5 | 0.0 | q | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 88.2 | 11.8 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 17.7 | 52.9 | 5.9 | 23.5 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 35.3 | 41.2 | 11.8 | 11.8 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 29.4 | 41.2 | 29.4 | 0.0 | q | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 64.7 | 23.5 | 11.8 | 0.0 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 58.8 | 11.8 | 5.9 | 23.5 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.9 | 0.0 | 29.4 | 64.7 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 64.7 | 0.0 | 0.0 | 35.3 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 35.3 | 11.8 | 5.9 | 47.1 | q | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 70.6 | 5.9 | 11.8 | 11.8 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 29.4 | 70.6 | 0.0 | 0.0 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 5.9 | 17.7 | 11.8 | 64.7 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 5.9 | 23.5 | 17.7 | 52.9 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 82.4 | 0.0 | 5.9 | 11.8 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 11.8 | 52.9 | 17.7 | 17.7 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 5.9 | 17.7 | 58.8 | 17.7 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 41.2 | 5.9 | 47.1 | 5.9 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 76.5 | 5.9 | 5.9 | 11.8 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 94.1 | 5.9 | 0.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 35.3 | 29.4 | 17.7 | 17.7 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 82.4 | 11.8 | 5.9 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.9 | 0.0 | 5.9 | 88.2 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 11.8 | 23.5 | 0.0 | 58.8 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 35.3 | 5.9 | 52.9 | 5.9 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 58.8 | 23.5 | 17.7 | 0.0 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 5.9 | 11.8 | 11.8 | 70.6 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 5.9 | 11.8 | 82.4 | 0.0 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 64.7 | 29.4 | 5.9 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 5.9 | 11.8 | 70.6 | 11.8 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 41.2 | 35.3 | 0.0 | 23.5 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 5.9 | 64.7 | 11.8 | 17.7 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 11.8 | 5.9 | 82.4 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 70.6 | 0.0 | 17.7 | 11.8 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 41.2 | 47.1 | 11.8 | 0.0 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 17.7 | 58.8 | 11.8 | 11.8 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 29.4 | 29.4 | 0.0 | 41.2 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 23.5 | 29.4 | 11.8 | 35.3 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 47.1 | 41.2 | 11.8 | 0.0 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.9 | 88.2 | 5.9 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 23.5 | 29.4 | 17.7 | 29.4 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 11.8 | 11.8 | 70.6 | 5.9 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 17.7 | 58.8 | 17.7 | 5.9 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 58.8 | 0.0 | 17.7 | 23.5 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#311 - Mount Pearl Senior High, Mount Pearl

Grades: 10-12

| Item | Key | School [N=109] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | | | |
|------|-----|----------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|---|------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D | | |
| 1. | B | 0.0 | 97.3 | 0.9 | 1.8 | | p | 2.5 | 95.0 | 1.4 | 1.2 | | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.0 | 23.9 | 11.0 | 54.1 | | p | 10.7 | 27.3 | 13.8 | 48.2 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 24.8 | 7.3 | 49.5 | 18.4 | | p | 32.6 | 4.7 | 45.5 | 17.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 35.8 | 10.1 | 22.9 | 31.2 | | q | 23.5 | 14.9 | 30.2 | 31.4 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 6.4 | 2.8 | 76.2 | 14.7 | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.3 | 13.8 | 56.9 | 22.0 | | p | 10.3 | 13.4 | 50.5 | 25.5 | | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 64.2 | 7.3 | 9.2 | 19.3 | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.7 | 1.8 | 85.3 | 9.2 | | p | 2.5 | 3.7 | 83.8 | 10.0 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 12.8 | 54.1 | 17.4 | 15.6 | | p | 14.7 | 49.1 | 19.9 | 15.9 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 15.6 | 77.1 | 2.8 | 4.6 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 29.4 | 23.9 | 37.6 | 9.2 | | p | 29.9 | 27.2 | 35.9 | 6.9 | | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 36.7 | 21.1 | 29.4 | 12.8 | | q | 43.8 | 19.6 | 26.5 | 9.6 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 67.0 | 13.8 | 12.8 | 6.4 | | p | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.8 | 3.7 | 6.4 | 88.1 | | p | 2.8 | 6.3 | 8.7 | 82.2 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 28.4 | 26.6 | 20.2 | 24.8 | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 58.7 | 13.8 | 4.6 | 22.9 | | p | 45.8 | 14.4 | 6.6 | 33.2 | | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.6 | 12.8 | 9.2 | 17.4 | | q | 65.1 | 9.6 | 10.5 | 14.5 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 26.6 | 55.1 | 12.8 | 5.5 | | p | 29.6 | 49.1 | 16.2 | 5.0 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 5.5 | 11.9 | 11.9 | 70.6 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 14.7 | 18.4 | 38.5 | 28.4 | | p | 10.9 | 21.4 | 33.5 | 34.2 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 86.2 | 1.8 | 5.5 | 6.4 | | p | 85.5 | 5.6 | 5.5 | 3.4 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 10.1 | 47.7 | 29.4 | 12.8 | | p | 16.2 | 43.4 | 27.5 | 12.7 | | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.8 | 11.9 | 45.9 | 29.4 | | q | 11.3 | 14.4 | 48.9 | 25.0 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 54.1 | 2.8 | 33.9 | 9.2 | | p | 48.4 | 7.1 | 32.5 | 12.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 67.9 | 7.3 | 15.6 | 9.2 | | p | 66.9 | 9.6 | 10.1 | 13.4 | | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 83.5 | 8.3 | 6.4 | 1.8 | | q | 89.3 | 3.9 | 5.2 | 1.5 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 21.1 | 63.3 | 7.3 | 8.3 | | p | 23.8 | 53.6 | 10.4 | 12.1 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.9 | 70.6 | 27.5 | 0.9 | | q | 1.3 | 73.8 | 21.7 | 2.9 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.6 | 2.8 | 2.8 | 89.9 | | p | 4.1 | 2.9 | 3.6 | 89.3 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.2 | 17.4 | 9.2 | 63.3 | | p | 9.5 | 16.8 | 10.6 | 62.7 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.7 | 9.2 | 42.2 | 33.9 | | q | 19.2 | 8.8 | 46.3 | 25.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 43.1 | 22.0 | 16.5 | 18.4 | | q | 45.3 | 28.4 | 13.7 | 12.0 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.7 | 13.8 | 3.7 | 78.9 | | q | 3.8 | 10.1 | 6.8 | 79.3 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 22.0 | 10.1 | 62.4 | 5.5 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.6 | 67.0 | 23.9 | 3.7 | | q | 6.0 | 68.3 | 21.5 | 4.1 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 2.8 | 1.8 | 84.4 | 11.0 | | p | 2.6 | 1.7 | 81.9 | 13.8 | | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 56.9 | 9.2 | 11.9 | 22.0 | | p | 56.4 | 16.6 | 8.1 | 18.8 | | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 8.3 | 74.3 | 7.3 | 10.1 | | p | 9.2 | 67.7 | 15.0 | 8.0 | | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.9 | 8.3 | 9.2 | 80.7 | | p | 2.3 | 8.0 | 11.6 | 78.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 45.0 | 7.3 | 46.8 | 0.9 | | p | 49.5 | 10.4 | 35.0 | 5.0 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.8 | 22.0 | 16.5 | 3.7 | | p | 51.7 | 26.4 | 13.4 | 8.3 | | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.2 | 67.9 | 12.8 | 10.1 | | p | 11.4 | 62.8 | 13.3 | 12.1 | | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.3 | 31.2 | 14.7 | 23.9 | | p | 29.1 | 30.6 | 13.6 | 26.3 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 55.1 | 13.8 | 11.0 | 20.2 | | p | 54.1 | 13.2 | 13.1 | 19.4 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 31.2 | 40.4 | 25.7 | 2.8 | | p | 28.0 | 38.4 | 23.1 | 9.8 | | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.5 | 83.5 | 6.4 | 4.6 | | p | 8.1 | 80.3 | 8.2 | 3.4 | | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.6 | 41.3 | 8.3 | 45.9 | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 4.6 | 0.9 | 93.6 | 0.9 | | p | 7.9 | 3.4 | 85.7 | 2.8 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 45.0 | 28.4 | 13.8 | 11.9 | | q | 32.8 | 38.1 | 20.5 | 7.7 | | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.0 | 10.1 | 52.3 | 4.6 | | p | 37.2 | 12.1 | 39.5 | 10.5 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#313 - O'Donel High, Mount Pearl

Grades: 10-12

| Item | Key | School [N=139] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 4.3 | 93.5 | 2.2 | 0.0 | q | | 2.5 | 95.0 | 1.4 | 1.2 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 14.4 | 30.2 | 12.2 | 43.2 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.9 | 5.0 | 46.8 | 16.6 | | p | 32.6 | 4.7 | 45.5 | 17.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 20.9 | 23.7 | 23.7 | 31.7 | | p | 23.5 | 14.9 | 30.2 | 31.4 | | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 13.7 | 2.9 | 75.5 | 7.9 | q | | 9.8 | 2.6 | 76.6 | 10.9 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.8 | 15.1 | 43.2 | 30.2 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 71.9 | 4.3 | 7.9 | 15.8 | | p | 71.4 | 4.9 | 8.4 | 15.2 | | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 1.4 | 2.9 | 86.3 | 8.6 | | p | 2.5 | 3.7 | 83.8 | 10.0 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 10.8 | 64.0 | 12.2 | 13.0 | | p | 14.7 | 49.1 | 19.9 | 15.9 | | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 13.7 | 84.2 | 1.4 | 0.7 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 29.5 | 35.3 | 28.1 | 6.5 | q | | 29.9 | 27.2 | 35.9 | 6.9 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 34.5 | 23.7 | 33.1 | 8.6 | q | | 43.8 | 19.6 | 26.5 | 9.6 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 61.2 | 11.5 | 16.6 | 10.8 | q | | 66.9 | 10.1 | 11.2 | 11.7 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 2.2 | 5.0 | 6.5 | 85.6 | | p | 2.8 | 6.3 | 8.7 | 82.2 | | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 28.1 | 26.6 | 10.8 | 34.5 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 38.9 | 19.4 | 6.5 | 33.8 | q | | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 65.5 | 10.1 | 14.4 | 9.4 | | p | 65.1 | 9.6 | 10.5 | 14.5 | | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 36.7 | 41.7 | 15.8 | 5.0 | q | | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 3.6 | 16.6 | 9.4 | 70.5 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 11.5 | 20.9 | 36.0 | 30.9 | | p | 10.9 | 21.4 | 33.5 | 34.2 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 78.4 | 8.6 | 8.6 | 4.3 | q | | 85.5 | 5.6 | 5.5 | 3.4 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 20.9 | 38.1 | 29.5 | 11.5 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.5 | 18.0 | 43.2 | 27.3 | q | | 11.3 | 14.4 | 48.9 | 25.0 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 47.5 | 4.3 | 36.0 | 12.2 | q | | 48.4 | 7.1 | 32.5 | 12.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 62.6 | 10.8 | 13.7 | 13.0 | q | | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 84.9 | 5.0 | 7.2 | 2.9 | q | | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 19.4 | 56.1 | 9.4 | 14.4 | | p | 23.8 | 53.6 | 10.4 | 12.1 | | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.7 | 77.7 | 18.7 | 2.2 | | p | 1.3 | 73.8 | 21.7 | 2.9 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 5.8 | 4.3 | 5.0 | 84.9 | q | | 4.1 | 2.9 | 3.6 | 89.3 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 13.7 | 13.0 | 13.0 | 59.0 | q | | 9.5 | 16.8 | 10.6 | 62.7 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 26.6 | 6.5 | 41.0 | 25.2 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 41.7 | 30.2 | 15.8 | 11.5 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 6.5 | 7.2 | 7.9 | 78.4 | q | | 3.8 | 10.1 | 6.8 | 79.3 | | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 21.6 | 10.8 | 61.9 | 5.8 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 5.8 | 77.0 | 16.6 | 0.7 | | p | 6.0 | 68.3 | 21.5 | 4.1 | | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.6 | 0.7 | 80.6 | 15.1 | q | | 2.6 | 1.7 | 81.9 | 13.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 53.2 | 21.6 | 7.9 | 16.6 | q | | 56.4 | 16.6 | 8.1 | 18.8 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 6.5 | 64.8 | 15.8 | 13.0 | q | | 9.2 | 67.7 | 15.0 | 8.0 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 2.2 | 6.5 | 10.8 | 80.6 | | p | 2.3 | 8.0 | 11.6 | 78.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 51.1 | 10.8 | 35.3 | 2.9 | | p | 49.5 | 10.4 | 35.0 | 5.0 | | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 45.3 | 26.6 | 14.4 | 13.7 | q | | 51.7 | 26.4 | 13.4 | 8.3 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.6 | 62.6 | 11.5 | 9.4 | q | | 11.4 | 62.8 | 13.3 | 12.1 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 34.5 | 33.1 | 12.2 | 20.1 | | p | 29.1 | 30.6 | 13.6 | 26.3 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 48.2 | 15.1 | 17.3 | 18.7 | q | | 54.1 | 13.2 | 13.1 | 19.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 29.5 | 31.7 | 28.1 | 10.1 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 10.1 | 77.0 | 7.9 | 5.0 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 5.8 | 30.2 | 12.2 | 51.8 | | p | 5.9 | 37.0 | 9.6 | 47.2 | | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 5.0 | 2.9 | 87.8 | 4.3 | | p | 7.9 | 3.4 | 85.7 | 2.8 | | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 35.3 | 39.6 | 15.1 | 10.1 | q | | 32.8 | 38.1 | 20.5 | 7.7 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 33.1 | 13.7 | 43.9 | 9.4 | | p | 37.2 | 12.1 | 39.5 | 10.5 | | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#327 - Bishops College, St. John's

Grades: 10-12

| Item | Key | School [N=101] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 1.0 | 98.0 | 0.0 | 1.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 9.9 | 21.8 | 12.9 | 55.5 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 38.6 | 5.0 | 42.6 | 12.9 | | Q | 32.6 | 4.7 | 45.5 | 17.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.7 | 24.8 | 22.8 | 24.8 | | Q | 23.5 | 14.9 | 30.2 | 31.4 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 8.9 | 5.0 | 72.3 | 13.9 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 10.9 | 14.9 | 46.5 | 27.7 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 68.3 | 3.0 | 8.9 | 19.8 | | Q | 71.4 | 4.9 | 8.4 | 15.2 | | Q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 3.0 | 90.1 | 6.9 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.9 | 60.4 | 12.9 | 11.9 | | P | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 37.6 | 56.4 | 5.0 | 1.0 | | Q | 19.4 | 73.0 | 5.3 | 2.3 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 27.7 | 29.7 | 38.6 | 4.0 | | P | 29.9 | 27.2 | 35.9 | 6.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 38.6 | 23.8 | 21.8 | 13.9 | | Q | 43.8 | 19.6 | 26.5 | 9.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 64.4 | 9.9 | 14.9 | 10.9 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.0 | 3.0 | 3.0 | 90.1 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 27.7 | 24.8 | 9.9 | 37.6 | | Q | 27.6 | 27.7 | 12.8 | 31.6 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 59.4 | 8.9 | 4.0 | 27.7 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 70.3 | 5.0 | 6.9 | 17.8 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 31.7 | 48.5 | 19.8 | 0.0 | | Q | 29.6 | 49.1 | 16.2 | 5.0 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 6.9 | 19.8 | 11.9 | 61.4 | | Q | 5.7 | 15.9 | 9.7 | 68.7 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 17.8 | 19.8 | 28.7 | 33.7 | | Q | 10.9 | 21.4 | 33.5 | 34.2 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 89.1 | 5.9 | 2.0 | 3.0 | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 11.9 | 45.5 | 30.7 | 11.9 | | P | 16.2 | 43.4 | 27.5 | 12.7 | | P | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.9 | 20.8 | 45.5 | 22.8 | | Q | 11.3 | 14.4 | 48.9 | 25.0 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 48.5 | 6.9 | 31.7 | 12.9 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 70.3 | 9.9 | 9.9 | 9.9 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 96.0 | 1.0 | 3.0 | 0.0 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 15.8 | 66.3 | 5.9 | 11.9 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.0 | 76.2 | 20.8 | 1.0 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.0 | 2.0 | 3.0 | 91.1 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 8.9 | 18.8 | 11.9 | 59.4 | | Q | 9.5 | 16.8 | 10.6 | 62.7 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 19.8 | 7.9 | 51.5 | 20.8 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 44.6 | 31.7 | 11.9 | 10.9 | | Q | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.0 | 8.9 | 5.9 | 83.2 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 24.8 | 5.0 | 64.4 | 5.0 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 3.0 | 76.2 | 15.8 | 5.0 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 6.9 | 2.0 | 75.3 | 15.8 | | Q | 2.6 | 1.7 | 81.9 | 13.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 52.5 | 19.8 | 11.9 | 15.8 | | Q | 56.4 | 16.6 | 8.1 | 18.8 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 6.9 | 71.3 | 10.9 | 10.9 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.0 | 13.9 | 5.0 | 80.2 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 52.5 | 8.9 | 30.7 | 7.9 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 47.5 | 29.7 | 12.9 | 9.9 | | Q | 51.7 | 26.4 | 13.4 | 8.3 | | Q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 6.9 | 62.4 | 21.8 | 7.9 | | Q | 11.4 | 62.8 | 13.3 | 12.1 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 19.8 | 31.7 | 13.9 | 32.7 | | Q | 29.1 | 30.6 | 13.6 | 26.3 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 53.5 | 14.9 | 12.9 | 18.8 | | Q | 54.1 | 13.2 | 13.1 | 19.4 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 30.7 | 31.7 | 21.8 | 15.8 | | Q | 28.0 | 38.4 | 23.1 | 9.8 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.0 | 86.1 | 5.9 | 3.0 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 5.9 | 39.6 | 11.9 | 42.6 | | Q | 5.9 | 37.0 | 9.6 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.9 | 3.0 | 87.1 | 2.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 46.5 | 24.8 | 17.8 | 8.9 | | Q | 32.8 | 38.1 | 20.5 | 7.7 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 36.6 | 12.9 | 40.6 | 7.9 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#328 - Booth Memorial High School, St. John's

Grades: 10-12

| Item | Key | School [N=122] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 2.5 | 94.3 | 1.6 | 1.6 | q | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.4 | 23.0 | 18.0 | 51.6 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 25.4 | 1.6 | 57.4 | 15.6 | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 28.7 | 15.6 | 27.9 | 27.9 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.7 | 4.9 | 77.1 | 7.4 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.4 | 13.1 | 61.5 | 18.0 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 66.4 | 8.2 | 8.2 | 17.2 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.7 | 5.7 | 81.2 | 7.4 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.1 | 52.5 | 20.5 | 13.9 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 13.1 | 82.0 | 2.5 | 2.5 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 27.9 | 23.0 | 41.0 | 8.2 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 51.6 | 18.0 | 21.3 | 8.2 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 75.4 | 9.8 | 4.9 | 9.8 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 5.7 | 6.6 | 8.2 | 79.5 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 27.1 | 14.8 | 13.9 | 44.3 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 47.5 | 11.5 | 9.0 | 32.0 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 68.9 | 11.5 | 7.4 | 12.3 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 35.3 | 45.9 | 12.3 | 6.6 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 4.9 | 16.4 | 5.7 | 73.0 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.0 | 17.2 | 36.9 | 27.9 | p | 10.9 | 21.4 | 33.5 | 34.2 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 87.7 | 8.2 | 1.6 | 2.5 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 13.9 | 36.1 | 35.3 | 13.9 | q | 16.2 | 43.4 | 27.5 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.8 | 15.6 | 53.3 | 21.3 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 6.6 | 31.2 | 12.3 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 68.9 | 13.1 | 6.6 | 11.5 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.5 | 0.8 | 7.4 | 3.3 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 23.0 | 59.0 | 5.7 | 12.3 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 1.6 | 66.4 | 28.7 | 3.3 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.9 | 3.3 | 5.7 | 86.1 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.0 | 17.2 | 11.5 | 62.3 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 18.9 | 10.7 | 45.1 | 24.6 | q | 19.2 | 8.8 | 46.3 | 25.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 48.4 | 23.8 | 10.7 | 17.2 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 3.3 | 9.0 | 6.6 | 81.2 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 16.4 | 9.0 | 68.9 | 4.1 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 8.2 | 65.6 | 23.8 | 2.5 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.3 | 1.6 | 83.6 | 11.5 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 57.4 | 17.2 | 10.7 | 14.8 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 17.2 | 50.8 | 16.4 | 15.6 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 4.9 | 9.0 | 8.2 | 77.9 | q | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 41.8 | 8.2 | 41.8 | 6.6 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.8 | 34.4 | 10.7 | 4.1 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.8 | 61.5 | 17.2 | 11.5 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.3 | 22.1 | 16.4 | 40.2 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.7 | 10.7 | 11.5 | 17.2 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 22.1 | 38.5 | 25.4 | 13.1 | p | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.4 | 84.4 | 7.4 | 0.8 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 4.1 | 37.7 | 9.8 | 48.4 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.0 | 6.6 | 83.6 | 0.8 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 34.4 | 36.1 | 21.3 | 7.4 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 49.2 | 11.5 | 32.8 | 6.6 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#336 - Gonzaga High School, St. John's

Grades: 10-12

| Item | Key | School [N=155] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 3.2 | 95.5 | 0.7 | 0.7 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.0 | 28.4 | 11.6 | 49.0 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 27.1 | 7.1 | 43.9 | 21.9 | | Q | 32.6 | 4.7 | 45.5 | 17.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 18.7 | 7.7 | 33.6 | 40.0 | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.0 | 2.6 | 75.5 | 11.0 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.6 | 15.5 | 41.9 | 29.0 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 74.2 | 4.5 | 9.7 | 11.6 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 2.6 | 2.6 | 86.5 | 8.4 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 11.0 | 47.7 | 26.5 | 14.8 | | Q | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 19.4 | 71.6 | 7.1 | 1.9 | | Q | 19.4 | 73.0 | 5.3 | 2.3 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 28.4 | 35.5 | 27.7 | 8.4 | | Q | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 46.5 | 17.4 | 25.8 | 10.3 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.5 | 10.3 | 12.9 | 9.7 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.9 | 7.1 | 11.0 | 80.0 | | Q | 2.8 | 6.3 | 8.7 | 82.2 | | Q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 29.7 | 25.2 | 15.5 | 29.0 | | Q | 27.6 | 27.7 | 12.8 | 31.6 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 47.1 | 16.8 | 6.5 | 29.7 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.7 | 7.7 | 12.9 | 18.7 | | Q | 65.1 | 9.6 | 10.5 | 14.5 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 32.3 | 48.4 | 14.2 | 5.2 | | Q | 29.6 | 49.1 | 16.2 | 5.0 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.3 | 11.0 | 11.6 | 67.1 | | Q | 5.7 | 15.9 | 9.7 | 68.7 | | Q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 3.9 | 21.9 | 29.0 | 45.2 | | Q | 10.9 | 21.4 | 33.5 | 34.2 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 85.8 | 5.2 | 4.5 | 4.5 | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 22.6 | 34.2 | 27.7 | 14.8 | | Q | 16.2 | 43.4 | 27.5 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.9 | 17.4 | 44.5 | 25.2 | | Q | 11.3 | 14.4 | 48.9 | 25.0 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 43.2 | 7.7 | 36.1 | 12.9 | | Q | 48.4 | 7.1 | 32.5 | 12.0 | | Q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 60.7 | 10.3 | 12.3 | 16.8 | | Q | 66.9 | 9.6 | 10.1 | 13.4 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 89.0 | 3.2 | 5.2 | 2.6 | | Q | 89.3 | 3.9 | 5.2 | 1.5 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 22.6 | 52.3 | 10.3 | 14.8 | | Q | 23.8 | 53.6 | 10.4 | 12.1 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.2 | 74.2 | 21.3 | 1.3 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 8.4 | 2.6 | 6.5 | 82.6 | | Q | 4.1 | 2.9 | 3.6 | 89.3 | | Q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.5 | 18.7 | 10.3 | 63.2 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 27.7 | 7.1 | 48.4 | 16.8 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 40.0 | 32.9 | 16.1 | 10.3 | | Q | 45.3 | 28.4 | 13.7 | 12.0 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.5 | 7.1 | 7.7 | 80.7 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.9 | 6.5 | 62.6 | 7.1 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 5.2 | 67.7 | 21.9 | 5.2 | | Q | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 5.2 | 1.3 | 84.5 | 9.0 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 59.4 | 18.1 | 7.1 | 15.5 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 8.4 | 61.9 | 18.1 | 11.0 | | Q | 9.2 | 67.7 | 15.0 | 8.0 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.3 | 7.1 | 9.0 | 82.6 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 53.6 | 6.5 | 36.1 | 3.9 | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 56.8 | 20.7 | 14.2 | 7.7 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 7.7 | 67.1 | 14.2 | 11.0 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 21.9 | 29.0 | 17.4 | 31.0 | | Q | 29.1 | 30.6 | 13.6 | 26.3 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 52.3 | 14.8 | 12.9 | 18.7 | | Q | 54.1 | 13.2 | 13.1 | 19.4 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 27.1 | 45.2 | 16.1 | 11.6 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.7 | 76.8 | 9.0 | 4.5 | | Q | 8.1 | 80.3 | 8.2 | 3.4 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.2 | 38.7 | 10.3 | 47.1 | | Q | 5.9 | 37.0 | 9.6 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 4.5 | 4.5 | 87.1 | 3.2 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 18.7 | 46.5 | 23.9 | 9.0 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 40.7 | 11.6 | 35.5 | 11.0 | | Q | 37.2 | 12.1 | 39.5 | 10.5 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#340 - Holy Heart of Mary High School, St. John's

Grades: 10-12

| Item | Key | School [N=142] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 2.8 | 95.8 | 0.7 | 0.7 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 6.3 | 32.4 | 13.4 | 47.9 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 28.9 | 1.4 | 54.2 | 15.5 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 17.6 | 7.8 | 33.1 | 41.6 | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.9 | 1.4 | 79.6 | 8.5 | | P | 9.8 | 2.6 | 76.6 | 10.9 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.9 | 12.7 | 40.9 | 36.6 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 78.9 | 4.9 | 5.6 | 10.6 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 1.4 | 2.1 | 88.0 | 8.5 | | P | 2.5 | 3.7 | 83.8 | 10.0 | | P | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 16.2 | 45.8 | 19.7 | 18.3 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 17.6 | 74.7 | 4.2 | 3.5 | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 22.5 | 34.5 | 33.1 | 9.9 | q | | 29.9 | 27.2 | 35.9 | 6.9 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 46.5 | 21.8 | 20.4 | 11.3 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.9 | 11.3 | 14.8 | 14.1 | q | | 66.9 | 10.1 | 11.2 | 11.7 | q | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 4.2 | 12.7 | 9.2 | 73.9 | q | | 2.8 | 6.3 | 8.7 | 82.2 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 34.5 | 34.5 | 7.0 | 23.9 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 45.8 | 21.1 | 7.0 | 26.1 | | P | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 70.4 | 10.6 | 8.5 | 9.9 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 27.5 | 45.1 | 20.4 | 7.0 | q | | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 4.9 | 14.8 | 14.8 | 65.5 | q | | 5.7 | 15.9 | 9.7 | 68.7 | q | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 13.4 | 20.4 | 35.9 | 30.3 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 83.1 | 11.3 | 4.2 | 1.4 | q | | 85.5 | 5.6 | 5.5 | 3.4 | q | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 24.7 | 38.7 | 28.9 | 7.8 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.9 | 16.9 | 44.4 | 28.2 | q | | 11.3 | 14.4 | 48.9 | 25.0 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 51.4 | 9.2 | 27.5 | 12.0 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.5 | 7.8 | 12.7 | 14.1 | q | | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 89.4 | 3.5 | 4.9 | 2.1 | | P | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 23.9 | 51.4 | 9.2 | 15.5 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 2.1 | 73.2 | 21.8 | 1.4 | q | | 1.3 | 73.8 | 21.7 | 2.9 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 1.4 | 3.5 | 4.2 | 90.1 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.9 | 12.7 | 12.7 | 64.8 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 15.5 | 8.5 | 43.0 | 33.1 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 35.9 | 28.2 | 16.9 | 18.3 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 2.8 | 12.0 | 6.3 | 78.9 | q | | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.4 | 6.3 | 62.0 | 6.3 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.8 | 65.5 | 23.2 | 3.5 | q | | 6.0 | 68.3 | 21.5 | 4.1 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 2.1 | 85.9 | 12.0 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 45.8 | 24.7 | 7.0 | 22.5 | q | | 56.4 | 16.6 | 8.1 | 18.8 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.9 | 69.7 | 12.7 | 7.8 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 2.8 | 7.8 | 15.5 | 73.9 | q | | 2.3 | 8.0 | 11.6 | 78.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.0 | 10.6 | 34.5 | 4.9 | q | | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 47.9 | 30.3 | 14.8 | 7.0 | q | | 51.7 | 26.4 | 13.4 | 8.3 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 10.6 | 70.4 | 9.2 | 9.9 | | P | 11.4 | 62.8 | 13.3 | 12.1 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 22.5 | 33.1 | 9.2 | 33.1 | q | | 29.1 | 30.6 | 13.6 | 26.3 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 58.5 | 11.3 | 11.3 | 19.0 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 28.2 | 38.0 | 26.1 | 4.9 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.9 | 76.1 | 10.6 | 3.5 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.3 | 41.6 | 6.3 | 44.4 | q | | 5.9 | 37.0 | 9.6 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.8 | 4.2 | 83.8 | 4.2 | q | | 7.9 | 3.4 | 85.7 | 2.8 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 26.1 | 37.3 | 25.4 | 10.6 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 39.4 | 7.8 | 38.0 | 14.8 | q | | 37.2 | 12.1 | 39.5 | 10.5 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#347 - Prince of Wales Collegiate, St. John's

Grades: 10-12

| Item | Key | School [N=151] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|----------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 3.3 | 94.7 | 0.7 | 1.3 | q | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 15.2 | 27.2 | 18.5 | 38.4 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 31.1 | 0.7 | 49.0 | 18.5 | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 19.2 | 18.5 | 31.1 | 31.1 | q | 23.5 | 14.9 | 30.2 | 31.4 | p | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 11.9 | 2.0 | 76.2 | 9.9 | q | 9.8 | 2.6 | 76.6 | 10.9 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 8.0 | 9.9 | 58.9 | 23.2 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 60.3 | 7.3 | 14.6 | 17.9 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 2.0 | 5.3 | 81.5 | 11.3 | q | 2.5 | 3.7 | 83.8 | 10.0 | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 17.9 | 44.4 | 23.8 | 13.9 | q | 14.7 | 49.1 | 19.9 | 15.9 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 8.6 | 82.1 | 7.3 | 2.0 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 36.4 | 27.8 | 30.5 | 5.3 | q | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 35.8 | 23.8 | 33.1 | 6.0 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 68.9 | 11.3 | 10.6 | 9.3 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.3 | 12.6 | 8.0 | 78.2 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.5 | 31.1 | 16.6 | 29.1 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 32.5 | 21.9 | 13.9 | 31.8 | q | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 48.3 | 9.9 | 15.9 | 25.2 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 37.8 | 33.8 | 21.9 | 6.0 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 4.0 | 20.5 | 8.0 | 67.6 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 17.9 | 19.9 | 37.1 | 24.5 | p | 10.9 | 21.4 | 33.5 | 34.2 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 92.1 | 1.3 | 4.0 | 2.7 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 12.6 | 45.0 | 27.8 | 14.6 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 11.9 | 9.9 | 51.0 | 26.5 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 45.7 | 9.9 | 33.8 | 9.9 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 62.9 | 6.6 | 15.9 | 14.6 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 89.4 | 2.0 | 7.3 | 1.3 | p | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 23.8 | 48.3 | 15.9 | 11.9 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.7 | 64.9 | 28.5 | 5.3 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 6.6 | 4.0 | 3.3 | 85.4 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 8.6 | 19.9 | 11.9 | 59.6 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 20.5 | 11.3 | 47.0 | 21.2 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 42.4 | 33.8 | 12.6 | 10.6 | q | 45.3 | 28.4 | 13.7 | 12.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.6 | 13.9 | 9.9 | 71.5 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 31.1 | 8.6 | 53.0 | 6.6 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.3 | 62.9 | 25.8 | 4.0 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 4.6 | 0.0 | 80.8 | 14.6 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 46.4 | 17.9 | 10.6 | 23.8 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 13.9 | 57.0 | 22.5 | 6.6 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.3 | 9.3 | 14.6 | 74.2 | q | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 55.0 | 13.9 | 25.8 | 5.3 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 47.0 | 32.5 | 13.9 | 6.0 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.5 | 54.3 | 12.6 | 13.3 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 24.5 | 34.4 | 15.2 | 25.2 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 45.7 | 15.9 | 19.2 | 19.2 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 35.1 | 17.2 | 38.4 | 8.0 | q | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 8.0 | 77.5 | 9.9 | 4.6 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.3 | 38.4 | 9.3 | 45.0 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 6.6 | 2.0 | 87.4 | 3.3 | p | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 27.8 | 41.1 | 25.2 | 5.3 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 37.8 | 15.9 | 36.4 | 9.9 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#354 - St. Kevin's High, St. John's (Goulds)

Grades: 10-12

| Item | Key | School [N=71] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 97.2 | 1.4 | 1.4 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 19.7 | 26.8 | 16.9 | 36.6 | | q | 10.7 | 27.3 | 13.8 | 48.2 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 39.4 | 5.6 | 33.8 | 21.1 | | q | 32.6 | 4.7 | 45.5 | 17.1 | | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 36.6 | 11.3 | 23.9 | 28.2 | | q | 23.5 | 14.9 | 30.2 | 31.4 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.6 | 4.2 | 69.0 | 21.1 | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 7.0 | 18.3 | 47.9 | 26.8 | | q | 10.3 | 13.4 | 50.5 | 25.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 73.2 | 0.0 | 8.5 | 18.3 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 2.8 | 4.2 | 74.7 | 18.3 | | q | 2.5 | 3.7 | 83.8 | 10.0 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 21.1 | 38.0 | 26.8 | 14.1 | | q | 14.7 | 49.1 | 19.9 | 15.9 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 16.9 | 70.4 | 7.0 | 5.6 | | q | 19.4 | 73.0 | 5.3 | 2.3 | | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 39.4 | 32.4 | 22.5 | 4.2 | | q | 29.9 | 27.2 | 35.9 | 6.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.7 | 12.7 | 28.2 | 7.0 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 59.2 | 18.3 | 5.6 | 16.9 | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 4.2 | 12.7 | 83.1 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 26.8 | 26.8 | 19.7 | 26.8 | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 33.8 | 15.5 | 7.0 | 43.7 | | q | 45.8 | 14.4 | 6.6 | 33.2 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 53.5 | 14.1 | 18.3 | 14.1 | | q | 65.1 | 9.6 | 10.5 | 14.5 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 42.3 | 29.6 | 26.8 | 1.4 | | q | 29.6 | 49.1 | 16.2 | 5.0 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 1.4 | 28.2 | 14.1 | 56.3 | | q | 5.7 | 15.9 | 9.7 | 68.7 | | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 15.5 | 39.4 | 23.9 | 21.1 | | q | 10.9 | 21.4 | 33.5 | 34.2 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 91.6 | 4.2 | 1.4 | 2.8 | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 21.1 | 36.6 | 35.2 | 7.0 | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 8.5 | 11.3 | 42.3 | 38.0 | | q | 11.3 | 14.4 | 48.9 | 25.0 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 36.6 | 8.5 | 39.4 | 15.5 | | q | 48.4 | 7.1 | 32.5 | 12.0 | | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 70.4 | 9.9 | 8.5 | 11.3 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 84.5 | 9.9 | 5.6 | 0.0 | | q | 89.3 | 3.9 | 5.2 | 1.5 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 22.5 | 59.2 | 14.1 | 4.2 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 1.4 | 76.1 | 21.1 | 1.4 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 1.4 | 2.8 | 7.0 | 88.7 | | q | 4.1 | 2.9 | 3.6 | 89.3 | | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.9 | 28.2 | 8.5 | 53.5 | | q | 9.5 | 16.8 | 10.6 | 62.7 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 16.9 | 15.5 | 39.4 | 28.2 | | q | 19.2 | 8.8 | 46.3 | 25.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 50.7 | 23.9 | 14.1 | 9.9 | | P | 45.3 | 28.4 | 13.7 | 12.0 | | P | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.2 | 12.7 | 2.8 | 80.3 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.9 | 15.5 | 53.5 | 5.6 | | q | 24.4 | 8.0 | 61.0 | 6.3 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 1.4 | 67.6 | 28.2 | 2.8 | | q | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.4 | 1.4 | 83.1 | 14.1 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 63.4 | 8.5 | 7.0 | 21.1 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 12.7 | 59.2 | 23.9 | 4.2 | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 2.8 | 16.9 | 5.6 | 74.7 | | q | 2.3 | 8.0 | 11.6 | 78.0 | | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 50.7 | 7.0 | 32.4 | 9.9 | | q | 49.5 | 10.4 | 35.0 | 5.0 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 33.8 | 32.4 | 18.3 | 15.5 | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 18.3 | 54.9 | 12.7 | 12.7 | | q | 11.4 | 62.8 | 13.3 | 12.1 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 33.8 | 31.0 | 9.9 | 25.4 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 52.1 | 8.5 | 14.1 | 25.4 | | q | 54.1 | 13.2 | 13.1 | 19.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 31.0 | 23.9 | 28.2 | 16.9 | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 5.6 | 83.1 | 9.9 | 1.4 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 8.5 | 49.3 | 8.5 | 33.8 | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 8.5 | 1.4 | 84.5 | 5.6 | | q | 7.9 | 3.4 | 85.7 | 2.8 | | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 39.4 | 35.2 | 22.5 | 2.8 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 38.0 | 18.3 | 42.3 | 0.0 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#368 - Holy Trinity High School, Torbay

Grades: 7-12

| Item | Key | School [N=74] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 2.7 | 94.6 | 2.7 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 13.5 | 40.5 | 14.9 | 31.1 | q | 10.7 | 27.3 | 13.8 | 48.2 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 43.2 | 6.8 | 27.0 | 23.0 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.0 | 20.3 | 24.3 | 28.4 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 10.8 | 5.4 | 74.3 | 9.5 | q | 9.8 | 2.6 | 76.6 | 10.9 | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 6.8 | 14.9 | 43.2 | 35.1 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 56.8 | 6.8 | 16.2 | 20.3 | q | 71.4 | 4.9 | 8.4 | 15.2 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.1 | 1.4 | 83.8 | 10.8 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.9 | 35.1 | 25.7 | 18.9 | q | 14.7 | 49.1 | 19.9 | 15.9 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 25.7 | 66.2 | 8.1 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 37.8 | 28.4 | 28.4 | 5.4 | q | 29.9 | 27.2 | 35.9 | 6.9 | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 46.0 | 24.3 | 16.2 | 12.2 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 62.2 | 12.2 | 10.8 | 14.9 | q | 66.9 | 10.1 | 11.2 | 11.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.4 | 6.8 | 10.8 | 81.1 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.5 | 21.6 | 10.8 | 31.1 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 52.7 | 12.2 | 4.1 | 31.1 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 71.6 | 8.1 | 9.5 | 10.8 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 32.4 | 40.5 | 21.6 | 5.4 | q | 29.6 | 49.1 | 16.2 | 5.0 | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 5.4 | 24.3 | 9.5 | 60.8 | q | 5.7 | 15.9 | 9.7 | 68.7 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 10.8 | 16.2 | 25.7 | 47.3 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 82.4 | 4.1 | 6.8 | 6.8 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 18.9 | 31.1 | 33.8 | 16.2 | q | 16.2 | 43.4 | 27.5 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 12.2 | 13.5 | 55.4 | 18.9 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 39.2 | 8.1 | 35.1 | 17.6 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 54.1 | 16.2 | 12.2 | 17.6 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 87.8 | 4.1 | 4.1 | 4.1 | q | 89.3 | 3.9 | 5.2 | 1.5 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 32.4 | 39.2 | 10.8 | 17.6 | q | 23.8 | 53.6 | 10.4 | 12.1 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 70.3 | 24.3 | 5.4 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.1 | 4.1 | 2.7 | 89.2 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.8 | 29.7 | 6.8 | 56.8 | q | 9.5 | 16.8 | 10.6 | 62.7 | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 14.9 | 9.5 | 48.7 | 27.0 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 32.4 | 32.4 | 20.3 | 14.9 | q | 45.3 | 28.4 | 13.7 | 12.0 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 5.4 | 10.8 | 10.8 | 73.0 | q | 3.8 | 10.1 | 6.8 | 79.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 23.0 | 6.8 | 56.8 | 12.2 | q | 24.4 | 8.0 | 61.0 | 6.3 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 10.8 | 58.1 | 24.3 | 6.8 | q | 6.0 | 68.3 | 21.5 | 4.1 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 1.4 | 4.1 | 71.6 | 23.0 | q | 2.6 | 1.7 | 81.9 | 13.8 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 46.0 | 21.6 | 8.1 | 24.3 | q | 56.4 | 16.6 | 8.1 | 18.8 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.8 | 64.9 | 17.6 | 6.8 | q | 9.2 | 67.7 | 15.0 | 8.0 | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.4 | 8.1 | 12.2 | 78.4 | p | 2.3 | 8.0 | 11.6 | 78.0 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 48.7 | 17.6 | 29.7 | 4.1 | q | 49.5 | 10.4 | 35.0 | 5.0 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 47.3 | 28.4 | 13.5 | 9.5 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.2 | 48.7 | 20.3 | 14.9 | q | 11.4 | 62.8 | 13.3 | 12.1 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 9.5 | 40.5 | 10.8 | 39.2 | q | 29.1 | 30.6 | 13.6 | 26.3 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 9.5 | 12.2 | 28.4 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 27.0 | 36.5 | 23.0 | 13.5 | q | 28.0 | 38.4 | 23.1 | 9.8 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 13.5 | 56.8 | 20.3 | 9.5 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 16.2 | 47.3 | 4.1 | 32.4 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.5 | 4.1 | 83.8 | 2.7 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 28.4 | 41.9 | 21.6 | 6.8 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 37.8 | 10.8 | 37.8 | 13.5 | q | 37.2 | 12.1 | 39.5 | 10.5 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#370 - Stella Maris Academy, Trepassey

Grades: K-12

| Item | Key | School [N=10] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 10.0 | 60.0 | 0.0 | 30.0 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 30.0 | 0.0 | 50.0 | 20.0 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 30.0 | 30.0 | 10.0 | 30.0 | q | | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 9.8 | 2.6 | 76.6 | 10.9 | | P | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 30.0 | 0.0 | 50.0 | 20.0 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 80.0 | 10.0 | 0.0 | 10.0 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 20.0 | 70.0 | 10.0 | q | | 2.5 | 3.7 | 83.8 | 10.0 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 10.0 | 30.0 | 40.0 | 20.0 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 50.0 | 30.0 | 20.0 | 0.0 | q | | 19.4 | 73.0 | 5.3 | 2.3 | q | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 20.0 | 30.0 | 40.0 | 0.0 | | P | 29.9 | 27.2 | 35.9 | 6.9 | | P | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 60.0 | 0.0 | 40.0 | 0.0 | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 70.0 | 0.0 | 20.0 | 10.0 | | P | 66.9 | 10.1 | 11.2 | 11.7 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 20.0 | 80.0 | q | | 2.8 | 6.3 | 8.7 | 82.2 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 40.0 | 10.0 | 0.0 | 50.0 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 60.0 | 10.0 | 0.0 | 30.0 | | P | 45.8 | 14.4 | 6.6 | 33.2 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 60.0 | 0.0 | 30.0 | 10.0 | q | | 65.1 | 9.6 | 10.5 | 14.5 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 30.0 | 50.0 | 20.0 | 0.0 | | P | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 10.0 | 0.0 | 20.0 | 70.0 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 20.0 | 30.0 | 50.0 | q | | 10.9 | 21.4 | 33.5 | 34.2 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 90.0 | 0.0 | 10.0 | 0.0 | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 30.0 | 10.0 | 40.0 | 20.0 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 10.0 | 60.0 | 30.0 | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 20.0 | 20.0 | 10.0 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 90.0 | 0.0 | 0.0 | 10.0 | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 80.0 | 20.0 | 0.0 | 0.0 | q | | 89.3 | 3.9 | 5.2 | 1.5 | q | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 40.0 | 30.0 | 20.0 | 10.0 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 10.0 | 80.0 | 0.0 | 10.0 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 10.0 | 0.0 | 10.0 | 80.0 | q | | 4.1 | 2.9 | 3.6 | 89.3 | q | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 10.0 | 10.0 | 20.0 | 60.0 | q | | 9.5 | 16.8 | 10.6 | 62.7 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 10.0 | 10.0 | 70.0 | 0.0 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 30.0 | 10.0 | 20.0 | 40.0 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 40.0 | 10.0 | 50.0 | q | | 3.8 | 10.1 | 6.8 | 79.3 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 10.0 | 10.0 | 80.0 | 0.0 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 50.0 | 40.0 | 10.0 | q | | 6.0 | 68.3 | 21.5 | 4.1 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 70.0 | 10.0 | 0.0 | 20.0 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 10.0 | 70.0 | 10.0 | 10.0 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 10.0 | 0.0 | 20.0 | 70.0 | q | | 2.3 | 8.0 | 11.6 | 78.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 30.0 | 0.0 | 70.0 | 0.0 | | P | 49.5 | 10.4 | 35.0 | 5.0 | | P | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 50.0 | 30.0 | 10.0 | 10.0 | q | | 51.7 | 26.4 | 13.4 | 8.3 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 10.0 | 30.0 | 30.0 | 30.0 | q | | 11.4 | 62.8 | 13.3 | 12.1 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.0 | 30.0 | 20.0 | 20.0 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 60.0 | 20.0 | 20.0 | 0.0 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 20.0 | 40.0 | 10.0 | 30.0 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 10.0 | 70.0 | 10.0 | 10.0 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 10.0 | 10.0 | 80.0 | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 10.0 | 0.0 | 90.0 | 0.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 20.0 | 60.0 | 20.0 | 0.0 | q | | 32.8 | 38.1 | 20.5 | 7.7 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 20.0 | 10.0 | 40.0 | 30.0 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#427 - Holy Name of Mary Academy, Lawn

Grades: K-12

| Item | Key | School [N=3] | | | | District [N=2,157] | | | | School [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|--------------------|----------------|------|------|------------------|------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | | q | 10.7 | 27.3 | 13.8 | 48.2 | | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | | P | 23.5 | 14.9 | 30.2 | 31.4 | | P | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | | P | 10.3 | 13.4 | 50.5 | 25.5 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | | q | 2.5 | 3.7 | 83.8 | 10.0 | | q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | | q | 14.7 | 49.1 | 19.9 | 15.9 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | | q | 29.9 | 27.2 | 35.9 | 6.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | | P | 43.8 | 19.6 | 26.5 | 9.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | | q | 2.8 | 6.3 | 8.7 | 82.2 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | | q | 27.6 | 27.7 | 12.8 | 31.6 | | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | | q | 45.8 | 14.4 | 6.6 | 33.2 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | | q | 29.6 | 49.1 | 16.2 | 5.0 | | q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | | q | 10.9 | 21.4 | 33.5 | 34.2 | | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | | P | 85.5 | 5.6 | 5.5 | 3.4 | | P | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | | P | 11.3 | 14.4 | 48.9 | 25.0 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | | P | 66.9 | 9.6 | 10.1 | 13.4 | | P | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | | q | 89.3 | 3.9 | 5.2 | 1.5 | | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | | q | 1.3 | 73.8 | 21.7 | 2.9 | | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | | q | 19.2 | 8.8 | 46.3 | 25.6 | | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | | q | 45.3 | 28.4 | 13.7 | 12.0 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | | q | 24.4 | 8.0 | 61.0 | 6.3 | | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | | q | 6.0 | 68.3 | 21.5 | 4.1 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | | q | 49.5 | 10.4 | 35.0 | 5.0 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | | q | 11.4 | 62.8 | 13.3 | 12.1 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | | q | 29.1 | 30.6 | 13.6 | 26.3 | | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | | q | 54.1 | 13.2 | 13.1 | 19.4 | | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | | q | 8.1 | 80.3 | 8.2 | 3.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#430 - St. Mark's School, King's Cove

Grades: K-12

| Item | Key | School [N=17] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 94.1 | 5.9 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 11.8 | 5.9 | 82.4 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 11.8 | 5.9 | 76.5 | 5.9 | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 41.2 | 11.8 | 23.5 | 23.5 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 5.9 | 5.9 | 82.4 | 5.9 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 5.9 | 5.9 | 64.7 | 23.5 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 88.2 | 0.0 | 5.9 | 5.9 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 5.9 | 0.0 | 94.1 | 0.0 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 11.8 | 52.9 | 11.8 | 23.5 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 0.0 | 88.2 | 11.8 | 0.0 | p | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 5.9 | 29.4 | 58.8 | 5.9 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 52.9 | 17.7 | 29.4 | 0.0 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 23.5 | 76.5 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 47.1 | 23.5 | 11.8 | 17.7 | q | 27.6 | 27.7 | 12.8 | 31.6 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 76.5 | 5.9 | 0.0 | 17.7 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 58.8 | 11.8 | 5.9 | 23.5 | q | 65.1 | 9.6 | 10.5 | 14.5 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 23.5 | 76.5 | 0.0 | 0.0 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 17.7 | 5.9 | 76.5 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 17.7 | 17.7 | 35.3 | 29.4 | p | 10.9 | 21.4 | 33.5 | 34.2 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 23.5 | 41.2 | 23.5 | 11.8 | q | 16.2 | 43.4 | 27.5 | 12.7 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 5.9 | 11.8 | 64.7 | 17.7 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 76.5 | 0.0 | 17.7 | 5.9 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 82.4 | 11.8 | 5.9 | 0.0 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 11.8 | 76.5 | 0.0 | 5.9 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 88.2 | 5.9 | 0.0 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 17.7 | 11.8 | 70.6 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 11.8 | 17.7 | 47.1 | 23.5 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 58.8 | 11.8 | 11.8 | 17.7 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 5.9 | 0.0 | 0.0 | 94.1 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 5.9 | 0.0 | 94.1 | 0.0 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 5.9 | 70.6 | 23.5 | 0.0 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 88.2 | 11.8 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 76.5 | 0.0 | 5.9 | 17.7 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 5.9 | 88.2 | 0.0 | 5.9 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 11.8 | 88.2 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 35.3 | 5.9 | 52.9 | 5.9 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 76.5 | 17.7 | 0.0 | 5.9 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 82.4 | 5.9 | 11.8 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 47.1 | 5.9 | 23.5 | 23.5 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 76.5 | 5.9 | 5.9 | 5.9 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 29.4 | 41.2 | 23.5 | 5.9 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 8.1 | 80.3 | 8.2 | 3.4 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 0.0 | 11.8 | 5.9 | 82.4 | p | 5.9 | 37.0 | 9.6 | 47.2 | p | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 5.9 | 0.0 | 88.2 | 5.9 | p | 7.9 | 3.4 | 85.7 | 2.8 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 47.1 | 35.3 | 11.8 | 5.9 | q | 32.8 | 38.1 | 20.5 | 7.7 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 52.9 | 5.9 | 41.2 | 0.0 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#431 - Southwest Arm Academy, Little Heart's Ease

Grades: K-12

| Item | Key | School [N=11] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 90.9 | 9.1 | 0.0 | q | 2.5 | 95.0 | 1.4 | 1.2 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 9.1 | 27.3 | 0.0 | 63.6 | p | 10.7 | 27.3 | 13.8 | 48.2 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 18.2 | 0.0 | 72.7 | 9.1 | p | 32.6 | 4.7 | 45.5 | 17.1 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 54.6 | 27.3 | 0.0 | 18.2 | q | 23.5 | 14.9 | 30.2 | 31.4 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 90.9 | 9.1 | p | 9.8 | 2.6 | 76.6 | 10.9 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 72.7 | 27.3 | p | 10.3 | 13.4 | 50.5 | 25.5 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 90.9 | 0.0 | 9.1 | 0.0 | p | 71.4 | 4.9 | 8.4 | 15.2 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 9.1 | 90.9 | 0.0 | p | 2.5 | 3.7 | 83.8 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.2 | 54.6 | 18.2 | 9.1 | p | 14.7 | 49.1 | 19.9 | 15.9 | p | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 9.1 | 72.7 | 18.2 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 18.2 | 9.1 | 72.7 | 0.0 | p | 29.9 | 27.2 | 35.9 | 6.9 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 45.5 | 27.3 | 27.3 | 0.0 | p | 43.8 | 19.6 | 26.5 | 9.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 90.9 | 0.0 | 0.0 | 9.1 | p | 66.9 | 10.1 | 11.2 | 11.7 | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 2.8 | 6.3 | 8.7 | 82.2 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 27.6 | 27.7 | 12.8 | 31.6 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 72.7 | 9.1 | 0.0 | 18.2 | p | 45.8 | 14.4 | 6.6 | 33.2 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 72.7 | 18.2 | 9.1 | 0.0 | p | 65.1 | 9.6 | 10.5 | 14.5 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 18.2 | 81.8 | 0.0 | 0.0 | p | 29.6 | 49.1 | 16.2 | 5.0 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 27.3 | 0.0 | 72.7 | p | 5.7 | 15.9 | 9.7 | 68.7 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 27.3 | 18.2 | 54.6 | q | 10.9 | 21.4 | 33.5 | 34.2 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 85.5 | 5.6 | 5.5 | 3.4 | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 81.8 | 9.1 | 9.1 | p | 16.2 | 43.4 | 27.5 | 12.7 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.1 | 0.0 | 90.9 | 0.0 | p | 11.3 | 14.4 | 48.9 | 25.0 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 72.7 | 9.1 | 9.1 | 9.1 | p | 48.4 | 7.1 | 32.5 | 12.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 66.9 | 9.6 | 10.1 | 13.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 89.3 | 3.9 | 5.2 | 1.5 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 18.2 | 81.8 | 0.0 | 0.0 | p | 23.8 | 53.6 | 10.4 | 12.1 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 90.9 | 9.1 | 0.0 | p | 1.3 | 73.8 | 21.7 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 9.1 | 0.0 | 90.9 | p | 4.1 | 2.9 | 3.6 | 89.3 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 9.1 | 18.2 | 0.0 | 72.7 | p | 9.5 | 16.8 | 10.6 | 62.7 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 9.1 | 0.0 | 63.6 | 27.3 | p | 19.2 | 8.8 | 46.3 | 25.6 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 81.8 | 9.1 | 9.1 | 0.0 | p | 45.3 | 28.4 | 13.7 | 12.0 | p | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 18.2 | 81.8 | p | 3.8 | 10.1 | 6.8 | 79.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 18.2 | 9.1 | 72.7 | 0.0 | p | 24.4 | 8.0 | 61.0 | 6.3 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 81.8 | 18.2 | 0.0 | p | 6.0 | 68.3 | 21.5 | 4.1 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 2.6 | 1.7 | 81.9 | 13.8 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 90.9 | 0.0 | 0.0 | 9.1 | p | 56.4 | 16.6 | 8.1 | 18.8 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.1 | 72.7 | 0.0 | 18.2 | p | 9.2 | 67.7 | 15.0 | 8.0 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 2.3 | 8.0 | 11.6 | 78.0 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 9.1 | 0.0 | 90.9 | 0.0 | p | 49.5 | 10.4 | 35.0 | 5.0 | p | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 54.6 | 45.5 | 0.0 | 0.0 | p | 51.7 | 26.4 | 13.4 | 8.3 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.1 | 81.8 | 0.0 | 9.1 | p | 11.4 | 62.8 | 13.3 | 12.1 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 36.4 | 9.1 | 27.3 | 27.3 | p | 29.1 | 30.6 | 13.6 | 26.3 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 63.6 | 0.0 | 0.0 | 36.4 | p | 54.1 | 13.2 | 13.1 | 19.4 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 9.1 | 63.6 | 9.1 | 18.2 | p | 28.0 | 38.4 | 23.1 | 9.8 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 18.2 | 54.6 | 18.2 | 9.1 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 9.1 | 45.5 | 9.1 | 36.4 | q | 5.9 | 37.0 | 9.6 | 47.2 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 9.1 | 72.7 | 9.1 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 54.6 | 18.2 | 27.3 | 0.0 | p | 32.8 | 38.1 | 20.5 | 7.7 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 9.1 | 36.4 | 54.6 | 0.0 | p | 37.2 | 12.1 | 39.5 | 10.5 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#447 - Baltimore School, Ferryland

Grades: K-12

| Item | Key | School [N=29] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 13.8 | 17.2 | 10.3 | 58.6 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 34.5 | 0.0 | 51.7 | 13.8 | | P | 32.6 | 4.7 | 45.5 | 17.1 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 51.7 | 13.8 | 20.7 | 13.8 | | Q | 23.5 | 14.9 | 30.2 | 31.4 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 17.2 | 0.0 | 75.9 | 6.9 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 3.5 | 13.8 | 48.3 | 31.0 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 79.3 | 6.9 | 3.5 | 10.3 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 10.3 | 6.9 | 62.1 | 20.7 | | Q | 2.5 | 3.7 | 83.8 | 10.0 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.8 | 51.7 | 27.6 | 6.9 | | P | 14.7 | 49.1 | 19.9 | 15.9 | | P | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 24.1 | 55.2 | 10.3 | 10.3 | | Q | 19.4 | 73.0 | 5.3 | 2.3 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 24.1 | 37.9 | 34.5 | 3.5 | | Q | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 41.4 | 34.5 | 10.3 | 10.3 | | Q | 43.8 | 19.6 | 26.5 | 9.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 79.3 | 17.2 | 3.5 | 0.0 | | P | 66.9 | 10.1 | 11.2 | 11.7 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 3.5 | 3.5 | 3.5 | 89.7 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 24.1 | 20.7 | 13.8 | 41.4 | | Q | 27.6 | 27.7 | 12.8 | 31.6 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 31.0 | 20.7 | 3.5 | 44.8 | | Q | 45.8 | 14.4 | 6.6 | 33.2 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 79.3 | 3.5 | 6.9 | 10.3 | | P | 65.1 | 9.6 | 10.5 | 14.5 | | P | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 10.3 | 75.9 | 6.9 | 6.9 | | P | 29.6 | 49.1 | 16.2 | 5.0 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 13.8 | 6.9 | 79.3 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 3.5 | 10.3 | 48.3 | 37.9 | | P | 10.9 | 21.4 | 33.5 | 34.2 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 79.3 | 10.3 | 3.5 | 6.9 | | Q | 85.5 | 5.6 | 5.5 | 3.4 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 27.6 | 34.5 | 27.6 | 10.3 | | Q | 16.2 | 43.4 | 27.5 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 17.2 | 24.1 | 44.8 | 13.8 | | Q | 11.3 | 14.4 | 48.9 | 25.0 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 55.2 | 3.5 | 27.6 | 13.8 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 65.5 | 6.9 | 13.8 | 13.8 | | Q | 66.9 | 9.6 | 10.1 | 13.4 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 82.8 | 3.5 | 13.8 | 0.0 | | Q | 89.3 | 3.9 | 5.2 | 1.5 | | Q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 17.2 | 41.4 | 17.2 | 24.1 | | Q | 23.8 | 53.6 | 10.4 | 12.1 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 3.5 | 58.6 | 31.0 | 6.9 | | Q | 1.3 | 73.8 | 21.7 | 2.9 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 3.5 | 3.5 | 0.0 | 93.1 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 6.9 | 17.2 | 3.5 | 69.0 | | P | 9.5 | 16.8 | 10.6 | 62.7 | | P | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 3.5 | 13.8 | 65.5 | 17.2 | | P | 19.2 | 8.8 | 46.3 | 25.6 | | P | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 37.9 | 37.9 | 6.9 | 10.3 | | Q | 45.3 | 28.4 | 13.7 | 12.0 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 3.5 | 13.8 | 82.8 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 17.2 | 17.2 | 55.2 | 10.3 | | Q | 24.4 | 8.0 | 61.0 | 6.3 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 6.9 | 58.6 | 24.1 | 10.3 | | Q | 6.0 | 68.3 | 21.5 | 4.1 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 6.9 | 75.9 | 17.2 | | Q | 2.6 | 1.7 | 81.9 | 13.8 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 44.8 | 17.2 | 10.3 | 24.1 | | Q | 56.4 | 16.6 | 8.1 | 18.8 | | Q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 3.5 | 75.9 | 20.7 | 0.0 | | P | 9.2 | 67.7 | 15.0 | 8.0 | | P | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 3.5 | 10.3 | 86.2 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 41.4 | 20.7 | 31.0 | 6.9 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 58.6 | 27.6 | 6.9 | 6.9 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 13.8 | 48.3 | 20.7 | 13.8 | | Q | 11.4 | 62.8 | 13.3 | 12.1 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 6.9 | 41.4 | 20.7 | 31.0 | | Q | 29.1 | 30.6 | 13.6 | 26.3 | | Q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 48.3 | 17.2 | 6.9 | 27.6 | | Q | 54.1 | 13.2 | 13.1 | 19.4 | | Q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 31.0 | 44.8 | 17.2 | 6.9 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 3.5 | 93.1 | 3.5 | 0.0 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 6.9 | 48.3 | 3.5 | 41.4 | | Q | 5.9 | 37.0 | 9.6 | 47.2 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 3.5 | 3.5 | 93.1 | 0.0 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 34.5 | 34.5 | 20.7 | 10.3 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 31.0 | 31.0 | 24.1 | 13.8 | | Q | 37.2 | 12.1 | 39.5 | 10.5 | | Q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#464 - Crescent Collegiate, Blaketown

Grades: 7-12

| Item | Key | School [N=52] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|----------------|----------------|--------------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 98.1 | 1.9 | 0.0 | | P | 2.5 | 95.0 | 1.4 | 1.2 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 11.5 | 15.4 | 7.7 | 65.4 | | P | 10.7 | 27.3 | 13.8 | 48.2 | | P | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 38.5 | 0.0 | 42.3 | 19.2 | | Q | 32.6 | 4.7 | 45.5 | 17.1 | | Q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 15.4 | 9.6 | 48.1 | 26.9 | | Q | 23.5 | 14.9 | 30.2 | 31.4 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.6 | 1.9 | 63.5 | 25.0 | | Q | 9.8 | 2.6 | 76.6 | 10.9 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 9.6 | 19.2 | 46.2 | 25.0 | | Q | 10.3 | 13.4 | 50.5 | 25.5 | | Q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 80.8 | 5.8 | 5.8 | 7.7 | | P | 71.4 | 4.9 | 8.4 | 15.2 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 3.9 | 1.9 | 80.8 | 13.5 | | Q | 2.5 | 3.7 | 83.8 | 10.0 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 11.5 | 46.2 | 21.2 | 21.2 | | Q | 14.7 | 49.1 | 19.9 | 15.9 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 21.2 | 73.1 | 1.9 | 3.9 | | P | 19.4 | 73.0 | 5.3 | 2.3 | | P | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 51.9 | 21.2 | 21.2 | 5.8 | | Q | 29.9 | 27.2 | 35.9 | 6.9 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 26.9 | 25.0 | 32.7 | 15.4 | | Q | 43.8 | 19.6 | 26.5 | 9.6 | | Q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 63.5 | 5.8 | 17.3 | 13.5 | | Q | 66.9 | 10.1 | 11.2 | 11.7 | | Q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 1.9 | 7.7 | 7.7 | 82.7 | | P | 2.8 | 6.3 | 8.7 | 82.2 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 26.9 | 48.1 | 7.7 | 17.3 | | P | 27.6 | 27.7 | 12.8 | 31.6 | | P | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 26.9 | 21.2 | 5.8 | 46.2 | | Q | 45.8 | 14.4 | 6.6 | 33.2 | | Q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 53.9 | 7.7 | 11.5 | 21.2 | | Q | 65.1 | 9.6 | 10.5 | 14.5 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 36.5 | 34.6 | 17.3 | 11.5 | | Q | 29.6 | 49.1 | 16.2 | 5.0 | | Q | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 7.7 | 7.7 | 13.5 | 71.2 | | P | 5.7 | 15.9 | 9.7 | 68.7 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 7.7 | 28.9 | 21.2 | 42.3 | | Q | 10.9 | 21.4 | 33.5 | 34.2 | | Q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 84.6 | 11.5 | 0.0 | 3.9 | | Q | 85.5 | 5.6 | 5.5 | 3.4 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 17.3 | 42.3 | 25.0 | 15.4 | | Q | 16.2 | 43.4 | 27.5 | 12.7 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 17.3 | 17.3 | 38.5 | 26.9 | | Q | 11.3 | 14.4 | 48.9 | 25.0 | | Q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 59.6 | 7.7 | 25.0 | 7.7 | | P | 48.4 | 7.1 | 32.5 | 12.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 63.5 | 5.8 | 15.4 | 15.4 | | Q | 66.9 | 9.6 | 10.1 | 13.4 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 94.2 | 3.9 | 1.9 | 0.0 | | P | 89.3 | 3.9 | 5.2 | 1.5 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 25.0 | 55.8 | 13.5 | 5.8 | | P | 23.8 | 53.6 | 10.4 | 12.1 | | P | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 1.9 | 82.7 | 13.5 | 1.9 | | P | 1.3 | 73.8 | 21.7 | 2.9 | | P | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 1.9 | 1.9 | 1.9 | 94.2 | | P | 4.1 | 2.9 | 3.6 | 89.3 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 19.2 | 21.2 | 21.2 | 38.5 | | Q | 9.5 | 16.8 | 10.6 | 62.7 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 38.5 | 7.7 | 34.6 | 19.2 | | Q | 19.2 | 8.8 | 46.3 | 25.6 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 38.5 | 34.6 | 9.6 | 17.3 | | Q | 45.3 | 28.4 | 13.7 | 12.0 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 9.6 | 0.0 | 88.5 | | P | 3.8 | 10.1 | 6.8 | 79.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 25.0 | 5.8 | 67.3 | 1.9 | | P | 24.4 | 8.0 | 61.0 | 6.3 | | P | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.7 | 82.7 | 7.7 | 1.9 | | P | 6.0 | 68.3 | 21.5 | 4.1 | | P | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 3.9 | 0.0 | 82.7 | 13.5 | | P | 2.6 | 1.7 | 81.9 | 13.8 | | P | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 61.5 | 13.5 | 5.8 | 19.2 | | P | 56.4 | 16.6 | 8.1 | 18.8 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 9.6 | 57.7 | 15.4 | 15.4 | | Q | 9.2 | 67.7 | 15.0 | 8.0 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 1.9 | 1.9 | 3.9 | 92.3 | | P | 2.3 | 8.0 | 11.6 | 78.0 | | P | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 53.9 | 11.5 | 32.7 | 1.9 | | Q | 49.5 | 10.4 | 35.0 | 5.0 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 57.7 | 19.2 | 15.4 | 7.7 | | P | 51.7 | 26.4 | 13.4 | 8.3 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 7.7 | 61.5 | 11.5 | 19.2 | | Q | 11.4 | 62.8 | 13.3 | 12.1 | | Q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 46.2 | 21.2 | 15.4 | 17.3 | | P | 29.1 | 30.6 | 13.6 | 26.3 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 59.6 | 15.4 | 3.9 | 21.2 | | P | 54.1 | 13.2 | 13.1 | 19.4 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 34.6 | 53.9 | 1.9 | 7.7 | | P | 28.0 | 38.4 | 23.1 | 9.8 | | P | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.7 | 84.6 | 5.8 | 1.9 | | P | 8.1 | 80.3 | 8.2 | 3.4 | | P | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 3.9 | 23.1 | 13.5 | 59.6 | | P | 5.9 | 37.0 | 9.6 | 47.2 | | P | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.6 | 0.0 | 88.5 | 1.9 | | P | 7.9 | 3.4 | 85.7 | 2.8 | | P | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 40.4 | 28.9 | 21.2 | 9.6 | | P | 32.8 | 38.1 | 20.5 | 7.7 | | P | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 34.6 | 13.5 | 42.3 | 5.8 | | P | 37.2 | 12.1 | 39.5 | 10.5 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#471 - Heritage Collegiate, Lethbridge

Grades: 7-12

| Item | Key | School [N=14] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | 2.5 | 95.0 | 1.4 | 1.2 | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 14.3 | 14.3 | 21.4 | 50.0 | | 10.7 | 27.3 | 13.8 | 48.2 | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 50.0 | 7.1 | 21.4 | 21.4 | q | 32.6 | 4.7 | 45.5 | 17.1 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 21.4 | 21.4 | 21.4 | 35.7 | | 23.5 | 14.9 | 30.2 | 31.4 | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 92.9 | 7.1 | | 9.8 | 2.6 | 76.6 | 10.9 | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 21.4 | 7.1 | 42.9 | 28.6 | q | 10.3 | 13.4 | 50.5 | 25.5 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 78.6 | 0.0 | 0.0 | 21.4 | | 71.4 | 4.9 | 8.4 | 15.2 | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 14.3 | 85.7 | 0.0 | | 2.5 | 3.7 | 83.8 | 10.0 | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 7.1 | 57.1 | 0.0 | 35.7 | | 14.7 | 49.1 | 19.9 | 15.9 | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 35.7 | 64.3 | 0.0 | 0.0 | q | 19.4 | 73.0 | 5.3 | 2.3 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 21.4 | 21.4 | 42.9 | 14.3 | | 29.9 | 27.2 | 35.9 | 6.9 | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 35.7 | 28.6 | 28.6 | 0.0 | q | 43.8 | 19.6 | 26.5 | 9.6 | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 78.6 | 0.0 | 0.0 | 21.4 | | 66.9 | 10.1 | 11.2 | 11.7 | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 7.1 | 0.0 | 14.3 | 78.6 | q | 2.8 | 6.3 | 8.7 | 82.2 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 21.4 | 50.0 | 0.0 | 28.6 | | 27.6 | 27.7 | 12.8 | 31.6 | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 42.9 | 14.3 | 0.0 | 42.9 | q | 45.8 | 14.4 | 6.6 | 33.2 | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 78.6 | 7.1 | 0.0 | 14.3 | | 65.1 | 9.6 | 10.5 | 14.5 | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 14.3 | 71.4 | 7.1 | 7.1 | | 29.6 | 49.1 | 16.2 | 5.0 | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 21.4 | 0.0 | 78.6 | | 5.7 | 15.9 | 9.7 | 68.7 | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 14.3 | 28.6 | 35.7 | 21.4 | | 10.9 | 21.4 | 33.5 | 34.2 | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 78.6 | 14.3 | 0.0 | 7.1 | q | 85.5 | 5.6 | 5.5 | 3.4 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 7.1 | 50.0 | 35.7 | 7.1 | | 16.2 | 43.4 | 27.5 | 12.7 | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 0.0 | 64.3 | 35.7 | | 11.3 | 14.4 | 48.9 | 25.0 | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 35.7 | 7.1 | 35.7 | 21.4 | q | 48.4 | 7.1 | 32.5 | 12.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 64.3 | 7.1 | 21.4 | 7.1 | q | 66.9 | 9.6 | 10.1 | 13.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 92.9 | 0.0 | 7.1 | 0.0 | | 89.3 | 3.9 | 5.2 | 1.5 | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 14.3 | 71.4 | 14.3 | 0.0 | | 23.8 | 53.6 | 10.4 | 12.1 | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 71.4 | 21.4 | 7.1 | q | 1.3 | 73.8 | 21.7 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 7.1 | 0.0 | 7.1 | 85.7 | q | 4.1 | 2.9 | 3.6 | 89.3 | q | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 14.3 | 7.1 | 7.1 | 71.4 | | 9.5 | 16.8 | 10.6 | 62.7 | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 7.1 | 0.0 | 42.9 | 50.0 | q | 19.2 | 8.8 | 46.3 | 25.6 | q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 71.4 | 7.1 | 7.1 | 14.3 | | 45.3 | 28.4 | 13.7 | 12.0 | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 7.1 | 14.3 | 0.0 | 78.6 | q | 3.8 | 10.1 | 6.8 | 79.3 | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 21.4 | 7.1 | 64.3 | 7.1 | | 24.4 | 8.0 | 61.0 | 6.3 | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 14.3 | 71.4 | 14.3 | 0.0 | | 6.0 | 68.3 | 21.5 | 4.1 | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | | 2.6 | 1.7 | 81.9 | 13.8 | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 71.4 | 14.3 | 0.0 | 14.3 | | 56.4 | 16.6 | 8.1 | 18.8 | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 7.1 | 85.7 | 7.1 | 0.0 | | 9.2 | 67.7 | 15.0 | 8.0 | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 7.1 | 0.0 | 7.1 | 85.7 | | 2.3 | 8.0 | 11.6 | 78.0 | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 35.7 | 0.0 | 57.1 | 7.1 | | 49.5 | 10.4 | 35.0 | 5.0 | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 42.9 | 28.6 | 7.1 | 21.4 | q | 51.7 | 26.4 | 13.4 | 8.3 | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 71.4 | 14.3 | 14.3 | | 11.4 | 62.8 | 13.3 | 12.1 | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 35.7 | 14.3 | 7.1 | 42.9 | | 29.1 | 30.6 | 13.6 | 26.3 | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 50.0 | 14.3 | 7.1 | 28.6 | q | 54.1 | 13.2 | 13.1 | 19.4 | q | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 14.3 | 57.1 | 14.3 | 14.3 | | 28.0 | 38.4 | 23.1 | 9.8 | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 14.3 | 71.4 | 14.3 | 0.0 | q | 8.1 | 80.3 | 8.2 | 3.4 | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 7.1 | 35.7 | 7.1 | 50.0 | | 5.9 | 37.0 | 9.6 | 47.2 | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 14.3 | 0.0 | 71.4 | 14.3 | q | 7.9 | 3.4 | 85.7 | 2.8 | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 35.7 | 28.6 | 21.4 | 14.3 | | 32.8 | 38.1 | 20.5 | 7.7 | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 28.6 | 7.1 | 50.0 | 14.3 | | 37.2 | 12.1 | 39.5 | 10.5 | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#476 - Baccalieu Collegiate, Old Perlican

Grades: 7-12

| Item | Key | School [N=22] | | | | School | | District [N=2,157] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|------|------|------|--------|-------|--------------------|------|------|------|--------|-------|--------------------|------|------|------|
| | | A | B | C | D | Below | Above | A | B | C | D | Below | Above | A | B | C | D |
| 1. | B | 4.6 | 90.9 | 0.0 | 4.6 | q | | 2.5 | 95.0 | 1.4 | 1.2 | q | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 31.8 | 18.2 | 27.3 | 22.7 | q | | 10.7 | 27.3 | 13.8 | 48.2 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 45.5 | 9.1 | 18.2 | 27.3 | q | | 32.6 | 4.7 | 45.5 | 17.1 | q | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 18.2 | 31.8 | 22.7 | q | | 23.5 | 14.9 | 30.2 | 31.4 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 9.1 | 4.6 | 68.2 | 18.2 | q | | 9.8 | 2.6 | 76.6 | 10.9 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 13.6 | 18.2 | 45.5 | 22.7 | q | | 10.3 | 13.4 | 50.5 | 25.5 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 50.0 | 4.6 | 22.7 | 22.7 | q | | 71.4 | 4.9 | 8.4 | 15.2 | q | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.6 | 4.6 | 72.7 | 18.2 | q | | 2.5 | 3.7 | 83.8 | 10.0 | q | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 13.6 | 22.7 | 50.0 | 13.6 | q | | 14.7 | 49.1 | 19.9 | 15.9 | q | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 22.7 | 77.3 | 0.0 | 0.0 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 54.6 | 22.7 | 18.2 | 4.6 | q | | 29.9 | 27.2 | 35.9 | 6.9 | q | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 50.0 | 22.7 | 13.6 | 13.6 | | p | 43.8 | 19.6 | 26.5 | 9.6 | | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 72.7 | 4.6 | 9.1 | 13.6 | | p | 66.9 | 10.1 | 11.2 | 11.7 | | p | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 9.1 | 9.1 | 18.2 | 63.6 | q | | 2.8 | 6.3 | 8.7 | 82.2 | q | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 36.4 | 9.1 | 22.7 | 31.8 | q | | 27.6 | 27.7 | 12.8 | 31.6 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 22.7 | 22.7 | 9.1 | 45.5 | q | | 45.8 | 14.4 | 6.6 | 33.2 | q | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 54.6 | 9.1 | 27.3 | 9.1 | q | | 65.1 | 9.6 | 10.5 | 14.5 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 22.7 | 50.0 | 22.7 | 4.6 | | p | 29.6 | 49.1 | 16.2 | 5.0 | q | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 13.6 | 4.6 | 81.8 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 18.2 | 27.3 | 31.8 | 22.7 | q | | 10.9 | 21.4 | 33.5 | 34.2 | q | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 86.4 | 9.1 | 0.0 | 4.6 | | p | 85.5 | 5.6 | 5.5 | 3.4 | | p | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 31.8 | 31.8 | 31.8 | 4.6 | q | | 16.2 | 43.4 | 27.5 | 12.7 | q | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 31.8 | 4.6 | 31.8 | 31.8 | q | | 11.3 | 14.4 | 48.9 | 25.0 | q | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 31.8 | 4.6 | 40.9 | 22.7 | q | | 48.4 | 7.1 | 32.5 | 12.0 | q | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 63.6 | 0.0 | 13.6 | 22.7 | q | | 66.9 | 9.6 | 10.1 | 13.4 | q | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 90.9 | 9.1 | 0.0 | 0.0 | | p | 89.3 | 3.9 | 5.2 | 1.5 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 36.4 | 36.4 | 22.7 | 4.6 | q | | 23.8 | 53.6 | 10.4 | 12.1 | q | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 72.7 | 22.7 | 4.6 | q | | 1.3 | 73.8 | 21.7 | 2.9 | q | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 9.1 | 0.0 | 0.0 | 90.9 | | p | 4.1 | 2.9 | 3.6 | 89.3 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 4.6 | 9.1 | 86.4 | | p | 9.5 | 16.8 | 10.6 | 62.7 | | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 9.1 | 31.8 | 13.6 | 45.5 | q | | 19.2 | 8.8 | 46.3 | 25.6 | q | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 22.7 | 63.6 | 4.6 | 9.1 | q | | 45.3 | 28.4 | 13.7 | 12.0 | q | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.6 | 9.1 | 9.1 | 77.3 | q | | 3.8 | 10.1 | 6.8 | 79.3 | q | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 27.3 | 0.0 | 63.6 | 9.1 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 9.1 | 59.1 | 27.3 | 4.6 | q | | 6.0 | 68.3 | 21.5 | 4.1 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 4.6 | 4.6 | 72.7 | 18.2 | q | | 2.6 | 1.7 | 81.9 | 13.8 | q | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 40.9 | 13.6 | 13.6 | 31.8 | q | | 56.4 | 16.6 | 8.1 | 18.8 | q | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 4.6 | 63.6 | 27.3 | 4.6 | q | | 9.2 | 67.7 | 15.0 | 8.0 | q | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 9.1 | 0.0 | 22.7 | 68.2 | q | | 2.3 | 8.0 | 11.6 | 78.0 | q | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 54.6 | 18.2 | 22.7 | 4.6 | q | | 49.5 | 10.4 | 35.0 | 5.0 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 18.2 | 36.4 | 27.3 | 18.2 | q | | 51.7 | 26.4 | 13.4 | 8.3 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 13.6 | 27.3 | 22.7 | 31.8 | q | | 11.4 | 62.8 | 13.3 | 12.1 | q | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 9.1 | 59.1 | 0.0 | 31.8 | q | | 29.1 | 30.6 | 13.6 | 26.3 | q | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 36.4 | 9.1 | 13.6 | 36.4 | q | | 54.1 | 13.2 | 13.1 | 19.4 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 31.8 | 22.7 | 36.4 | 9.1 | q | | 28.0 | 38.4 | 23.1 | 9.8 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 77.3 | 13.6 | 0.0 | q | | 8.1 | 80.3 | 8.2 | 3.4 | q | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 13.6 | 40.9 | 13.6 | 31.8 | q | | 5.9 | 37.0 | 9.6 | 47.2 | q | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 9.1 | 4.6 | 81.8 | 4.6 | q | | 7.9 | 3.4 | 85.7 | 2.8 | q | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 27.3 | 50.0 | 4.6 | 13.6 | q | | 32.8 | 38.1 | 20.5 | 7.7 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 45.5 | 27.3 | 9.1 | 13.6 | q | | 37.2 | 12.1 | 39.5 | 10.5 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 4 - Eastern

(percentage of students who selected each response)

#924 - Tricentia Academy, Arnold's Cove

Grades: K-12

| Item | Key | School [N=24] | | | | School Below Above District | District [N=2,157] | | | | School Below Above Province | Province [N=3,499] | | | | | |
|------|-----|---------------|------|------|------|-----------------------------------|--------------------|------|------|------|-----------------------------------|--------------------|---|------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D | | |
| 1. | B | 4.2 | 95.8 | 0.0 | 0.0 | | p | 2.5 | 95.0 | 1.4 | 1.2 | | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 4.2 | 29.2 | 12.5 | 54.2 | | p | 10.7 | 27.3 | 13.8 | 48.2 | | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 29.2 | 8.3 | 50.0 | 12.5 | | p | 32.6 | 4.7 | 45.5 | 17.1 | | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 37.5 | 20.8 | 16.7 | 25.0 | | q | 23.5 | 14.9 | 30.2 | 31.4 | | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 4.2 | 4.2 | 75.0 | 16.7 | | q | 9.8 | 2.6 | 76.6 | 10.9 | | q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 16.7 | 8.3 | 41.7 | 33.3 | | q | 10.3 | 13.4 | 50.5 | 25.5 | | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 62.5 | 0.0 | 12.5 | 25.0 | | q | 71.4 | 4.9 | 8.4 | 15.2 | | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 4.2 | 0.0 | 91.7 | 4.2 | | p | 2.5 | 3.7 | 83.8 | 10.0 | | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 29.2 | 25.0 | 33.3 | 8.3 | | q | 14.7 | 49.1 | 19.9 | 15.9 | | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 8.3 | 91.7 | 0.0 | 0.0 | | p | 19.4 | 73.0 | 5.3 | 2.3 | | p | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 16.7 | 25.0 | 33.3 | 25.0 | | q | 29.9 | 27.2 | 35.9 | 6.9 | | q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 33.3 | 20.8 | 41.7 | 4.2 | | q | 43.8 | 19.6 | 26.5 | 9.6 | | q | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 62.5 | 4.2 | 16.7 | 16.7 | | q | 66.9 | 10.1 | 11.2 | 11.7 | | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 8.3 | 12.5 | 12.5 | 66.7 | | q | 2.8 | 6.3 | 8.7 | 82.2 | | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 37.5 | 37.5 | 4.2 | 20.8 | | p | 27.6 | 27.7 | 12.8 | 31.6 | | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 41.7 | 29.2 | 0.0 | 29.2 | | q | 45.8 | 14.4 | 6.6 | 33.2 | | q | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 58.3 | 12.5 | 20.8 | 8.3 | | q | 65.1 | 9.6 | 10.5 | 14.5 | | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 25.0 | 62.5 | 8.3 | 4.2 | | p | 29.6 | 49.1 | 16.2 | 5.0 | | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 25.0 | 4.2 | 70.8 | | p | 5.7 | 15.9 | 9.7 | 68.7 | | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 8.3 | 16.7 | 54.2 | 20.8 | | p | 10.9 | 21.4 | 33.5 | 34.2 | | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 79.2 | 4.2 | 4.2 | 12.5 | | q | 85.5 | 5.6 | 5.5 | 3.4 | | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 29.2 | 41.7 | 20.8 | 8.3 | | q | 16.2 | 43.4 | 27.5 | 12.7 | | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 29.2 | 4.2 | 41.7 | 25.0 | | q | 11.3 | 14.4 | 48.9 | 25.0 | | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 50.0 | 8.3 | 29.2 | 12.5 | | p | 48.4 | 7.1 | 32.5 | 12.0 | | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 54.2 | 8.3 | 8.3 | 29.2 | | q | 66.9 | 9.6 | 10.1 | 13.4 | | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 91.7 | 4.2 | 4.2 | 0.0 | | p | 89.3 | 3.9 | 5.2 | 1.5 | | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 16.7 | 37.5 | 25.0 | 20.8 | | q | 23.8 | 53.6 | 10.4 | 12.1 | | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 79.2 | 8.3 | 12.5 | | p | 1.3 | 73.8 | 21.7 | 2.9 | | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 4.2 | 0.0 | 4.2 | 91.7 | | p | 4.1 | 2.9 | 3.6 | 89.3 | | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 4.2 | 20.8 | 16.7 | 58.3 | | q | 9.5 | 16.8 | 10.6 | 62.7 | | q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 16.7 | 8.3 | 50.0 | 25.0 | | p | 19.2 | 8.8 | 46.3 | 25.6 | | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 29.2 | 33.3 | 20.8 | 16.7 | | q | 45.3 | 28.4 | 13.7 | 12.0 | | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 4.2 | 4.2 | 20.8 | 70.8 | | q | 3.8 | 10.1 | 6.8 | 79.3 | | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 20.8 | 12.5 | 62.5 | 4.2 | | p | 24.4 | 8.0 | 61.0 | 6.3 | | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 4.2 | 66.7 | 25.0 | 4.2 | | q | 6.0 | 68.3 | 21.5 | 4.1 | | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 4.2 | 66.7 | 29.2 | | q | 2.6 | 1.7 | 81.9 | 13.8 | | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 45.8 | 12.5 | 20.8 | 20.8 | | q | 56.4 | 16.6 | 8.1 | 18.8 | | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 16.7 | 54.2 | 25.0 | 4.2 | | q | 9.2 | 67.7 | 15.0 | 8.0 | | q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 8.3 | 12.5 | 79.2 | | p | 2.3 | 8.0 | 11.6 | 78.0 | | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 45.8 | 20.8 | 33.3 | 0.0 | | q | 49.5 | 10.4 | 35.0 | 5.0 | | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 41.7 | 33.3 | 20.8 | 4.2 | | q | 51.7 | 26.4 | 13.4 | 8.3 | | q | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 16.7 | 62.5 | 12.5 | 8.3 | | q | 11.4 | 62.8 | 13.3 | 12.1 | | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 29.2 | 20.8 | 12.5 | 37.5 | | p | 29.1 | 30.6 | 13.6 | 26.3 | | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 62.5 | 12.5 | 12.5 | 12.5 | | p | 54.1 | 13.2 | 13.1 | 19.4 | | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 37.5 | 20.8 | 37.5 | 4.2 | | q | 28.0 | 38.4 | 23.1 | 9.8 | | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 4.2 | 79.2 | 8.3 | 8.3 | | q | 8.1 | 80.3 | 8.2 | 3.4 | | q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 8.3 | 37.5 | 16.7 | 37.5 | | q | 5.9 | 37.0 | 9.6 | 47.2 | | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 8.3 | 4.2 | 83.3 | 4.2 | | q | 7.9 | 3.4 | 85.7 | 2.8 | | q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 29.2 | 37.5 | 29.2 | 4.2 | | p | 32.8 | 38.1 | 20.5 | 7.7 | | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 54.2 | 12.5 | 25.0 | 8.3 | | q | 37.2 | 12.1 | 39.5 | 10.5 | | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 803 - Private

(percentage of students who selected each response)

#374 - Brother T. I. Murphy, St. John's

Grades: 10-12

| Item | Key | School [N=11] | | | | School | | District [N=70] | | | | School | | Province [N=3,499] | | | |
|------|-----|---------------|-------|------|-------|----------------|----------------|-----------------|------|------|------|----------------|----------------|--------------------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | | P | 1.4 | 92.9 | 4.3 | 1.4 | | P | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 0.0 | 72.7 | 0.0 | 27.3 | | Q | 10.0 | 40.0 | 11.4 | 38.6 | | Q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 36.4 | 0.0 | 54.6 | 9.1 | | P | 37.1 | 1.4 | 47.1 | 14.3 | | P | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 27.3 | 27.3 | 18.2 | 27.3 | | P | 27.1 | 20.0 | 35.7 | 17.1 | | Q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 36.4 | 0.0 | 63.6 | 0.0 | | Q | 17.1 | 1.4 | 75.7 | 5.7 | | Q | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 0.0 | 81.8 | 18.2 | | P | 5.7 | 8.6 | 52.9 | 32.9 | | P | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 72.7 | 0.0 | 0.0 | 18.2 | | P | 71.4 | 4.3 | 7.1 | 15.7 | | P | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 72.7 | 27.3 | | Q | 4.3 | 2.9 | 82.9 | 10.0 | | Q | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 18.2 | 27.3 | 27.3 | 27.3 | | P | 25.7 | 22.9 | 24.3 | 27.1 | | Q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 36.4 | 63.6 | 0.0 | 0.0 | | Q | 24.3 | 70.0 | 2.9 | 2.9 | | Q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 54.6 | 18.2 | 27.3 | 0.0 | | Q | 35.7 | 24.3 | 35.7 | 4.3 | | Q | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 63.6 | 18.2 | 0.0 | 18.2 | | P | 51.4 | 11.4 | 28.6 | 8.6 | | P | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 81.8 | 9.1 | 0.0 | 9.1 | | P | 58.6 | 14.3 | 11.4 | 15.7 | | P | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 9.1 | 0.0 | 0.0 | 90.9 | | P | 5.7 | 5.7 | 4.3 | 84.3 | | P | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 9.1 | 18.2 | 9.1 | 63.6 | | Q | 21.4 | 30.0 | 5.7 | 42.9 | | Q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 63.6 | 0.0 | 0.0 | 36.4 | | P | 47.1 | 11.4 | 12.9 | 28.6 | | P | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 36.4 | 18.2 | 9.1 | 27.3 | | Q | 57.1 | 14.3 | 7.1 | 20.0 | | Q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 36.4 | 63.6 | 0.0 | 0.0 | | P | 25.7 | 57.1 | 12.9 | 4.3 | | P | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 0.0 | 0.0 | 100.0 | | P | 5.7 | 5.7 | 10.0 | 78.6 | | P | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 9.1 | 27.3 | 36.4 | 27.3 | | P | 10.0 | 20.0 | 34.3 | 34.3 | | P | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 54.6 | 18.2 | 9.1 | 18.2 | | Q | 72.9 | 8.6 | 12.9 | 5.7 | | Q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 27.3 | 36.4 | 27.3 | 9.1 | | P | 17.1 | 35.7 | 32.9 | 14.3 | | Q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 9.1 | 0.0 | 54.6 | 36.4 | | P | 8.6 | 14.3 | 44.3 | 32.9 | | P | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 54.6 | 9.1 | 36.4 | 0.0 | | P | 47.1 | 8.6 | 34.3 | 10.0 | | P | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 45.5 | 0.0 | 27.3 | 27.3 | | Q | 62.9 | 14.3 | 11.4 | 11.4 | | Q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | | P | 87.1 | 4.3 | 7.1 | 1.4 | | P | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 18.2 | 36.4 | 18.2 | 27.3 | | Q | 14.3 | 52.9 | 18.6 | 14.3 | | Q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 72.7 | 27.3 | 0.0 | | Q | 2.9 | 72.9 | 20.0 | 2.9 | | Q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 9.1 | 0.0 | 0.0 | 90.9 | | P | 5.7 | 5.7 | 2.9 | 85.7 | | P | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 18.2 | 9.1 | 18.2 | 54.6 | | Q | 15.7 | 11.4 | 8.6 | 64.3 | | Q | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 0.0 | 18.2 | 45.5 | 36.4 | | Q | 22.9 | 8.6 | 45.7 | 21.4 | | Q | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 36.4 | 36.4 | 18.2 | 9.1 | | P | 35.7 | 31.4 | 14.3 | 17.1 | | Q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 9.1 | 9.1 | 81.8 | | P | 4.3 | 8.6 | 12.9 | 74.3 | | P | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 45.5 | 0.0 | 54.6 | 0.0 | | P | 35.7 | 7.1 | 51.4 | 5.7 | | Q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 9.1 | 36.4 | 54.6 | 0.0 | | Q | 11.4 | 45.7 | 40.0 | 2.9 | | Q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 9.1 | 0.0 | 81.8 | 9.1 | | P | 1.4 | 1.4 | 78.6 | 18.6 | | Q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 63.6 | 9.1 | 9.1 | 18.2 | | P | 60.0 | 20.0 | 5.7 | 14.3 | | P | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 63.6 | 18.2 | 18.2 | | Q | 2.9 | 74.3 | 14.3 | 8.6 | | Q | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 18.2 | 27.3 | 0.0 | 54.6 | | Q | 5.7 | 11.4 | 10.0 | 72.9 | | Q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 27.3 | 27.3 | 18.2 | 18.2 | | Q | 50.0 | 15.7 | 24.3 | 8.6 | | Q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 54.6 | 27.3 | 9.1 | 9.1 | | P | 44.3 | 35.7 | 8.6 | 11.4 | | P | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 9.1 | 63.6 | 18.2 | 9.1 | | P | 12.9 | 60.0 | 12.9 | 14.3 | | P | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 54.6 | 18.2 | 9.1 | 18.2 | | P | 31.4 | 32.9 | 8.6 | 27.1 | | P | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 63.6 | 0.0 | 9.1 | 27.3 | | P | 61.4 | 10.0 | 8.6 | 17.1 | | P | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 18.2 | 18.2 | 63.6 | 0.0 | | Q | 28.6 | 30.0 | 31.4 | 8.6 | | Q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 9.1 | 63.6 | 18.2 | 9.1 | | Q | 10.0 | 81.4 | 4.3 | 4.3 | | Q | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 9.1 | 54.6 | 18.2 | 18.2 | | Q | 12.9 | 45.7 | 5.7 | 35.7 | | Q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 0.0 | 9.1 | 81.8 | 9.1 | | Q | 8.6 | 4.3 | 82.9 | 4.3 | | Q | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 18.2 | 54.6 | 18.2 | 9.1 | | Q | 21.4 | 55.7 | 18.6 | 4.3 | | Q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 27.3 | 9.1 | 54.6 | 9.1 | | P | 37.1 | 11.4 | 34.3 | 17.1 | | P | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 803 - Private

(percentage of students who selected each response)

#450 - St. Bonaventure's College, St. John's

Grades: K-12

| Item | Key | School [N=13] | | | | School Below Above District | District [N=70] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|---------------|-------|-------|-------|-----------------------------------|-----------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 1.4 | 92.9 | 4.3 | 1.4 | p | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 7.7 | 7.7 | 23.1 | 61.5 | p | 10.0 | 40.0 | 11.4 | 38.6 | p | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 46.2 | 0.0 | 53.9 | 0.0 | p | 37.1 | 1.4 | 47.1 | 14.3 | p | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 53.9 | 0.0 | 23.1 | 23.1 | p | 27.1 | 20.0 | 35.7 | 17.1 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 92.3 | 7.7 | p | 17.1 | 1.4 | 75.7 | 5.7 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 0.0 | 7.7 | 61.5 | 30.8 | p | 5.7 | 8.6 | 52.9 | 32.9 | p | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 92.3 | 7.7 | 0.0 | 0.0 | p | 71.4 | 4.3 | 7.1 | 15.7 | p | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 92.3 | 7.7 | p | 4.3 | 2.9 | 82.9 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 30.8 | 30.8 | 30.8 | 7.7 | p | 25.7 | 22.9 | 24.3 | 27.1 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 38.5 | 61.5 | 0.0 | 0.0 | q | 24.3 | 70.0 | 2.9 | 2.9 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 7.7 | 15.4 | 69.2 | 7.7 | p | 35.7 | 24.3 | 35.7 | 4.3 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 69.2 | 7.7 | 23.1 | 0.0 | p | 51.4 | 11.4 | 28.6 | 8.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 30.8 | 7.7 | 23.1 | 38.5 | q | 58.6 | 14.3 | 11.4 | 15.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 0.0 | 7.7 | 92.3 | p | 5.7 | 5.7 | 4.3 | 84.3 | p | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 15.4 | 53.9 | 0.0 | 30.8 | p | 21.4 | 30.0 | 5.7 | 42.9 | p | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 61.5 | 7.7 | 15.4 | 15.4 | p | 47.1 | 11.4 | 12.9 | 28.6 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 84.6 | 7.7 | 0.0 | 7.7 | p | 57.1 | 14.3 | 7.1 | 20.0 | p | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 15.4 | 61.5 | 15.4 | 7.7 | p | 25.7 | 57.1 | 12.9 | 4.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 0.0 | 7.7 | 0.0 | 92.3 | p | 5.7 | 5.7 | 10.0 | 78.6 | p | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 7.7 | 23.1 | 30.8 | 30.8 | q | 10.0 | 20.0 | 34.3 | 34.3 | q | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 76.9 | 7.7 | 15.4 | 0.0 | p | 72.9 | 8.6 | 12.9 | 5.7 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 15.4 | 69.2 | 15.4 | q | 17.1 | 35.7 | 32.9 | 14.3 | q | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 23.1 | 23.1 | 30.8 | 23.1 | q | 8.6 | 14.3 | 44.3 | 32.9 | q | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 7.7 | 0.0 | 76.9 | 15.4 | q | 47.1 | 8.6 | 34.3 | 10.0 | q | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 61.5 | 15.4 | 7.7 | 15.4 | q | 62.9 | 14.3 | 11.4 | 11.4 | q | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 100.0 | 0.0 | 0.0 | 0.0 | p | 87.1 | 4.3 | 7.1 | 1.4 | p | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 7.7 | 84.6 | 0.0 | 7.7 | p | 14.3 | 52.9 | 18.6 | 14.3 | p | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 2.9 | 72.9 | 20.0 | 2.9 | p | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 5.7 | 5.7 | 2.9 | 85.7 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 7.7 | 7.7 | 0.0 | 84.6 | p | 15.7 | 11.4 | 8.6 | 64.3 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 23.1 | 0.0 | 69.2 | 7.7 | p | 22.9 | 8.6 | 45.7 | 21.4 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 38.5 | 38.5 | 7.7 | 15.4 | p | 35.7 | 31.4 | 14.3 | 17.1 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 4.3 | 8.6 | 12.9 | 74.3 | p | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 15.4 | 7.7 | 76.9 | 0.0 | p | 35.7 | 7.1 | 51.4 | 5.7 | p | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 7.7 | 53.9 | 38.5 | 0.0 | p | 11.4 | 45.7 | 40.0 | 2.9 | q | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 1.4 | 1.4 | 78.6 | 18.6 | p | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 53.9 | 30.8 | 7.7 | 7.7 | q | 60.0 | 20.0 | 5.7 | 14.3 | q | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 0.0 | 84.6 | 7.7 | 7.7 | p | 2.9 | 74.3 | 14.3 | 8.6 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 5.7 | 11.4 | 10.0 | 72.9 | p | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 61.5 | 7.7 | 23.1 | 7.7 | q | 50.0 | 15.7 | 24.3 | 8.6 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 61.5 | 30.8 | 0.0 | 7.7 | p | 44.3 | 35.7 | 8.6 | 11.4 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 53.9 | 38.5 | 7.7 | q | 12.9 | 60.0 | 12.9 | 14.3 | q | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 30.8 | 30.8 | 0.0 | 38.5 | q | 31.4 | 32.9 | 8.6 | 27.1 | p | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 61.5 | 7.7 | 7.7 | 23.1 | p | 61.4 | 10.0 | 8.6 | 17.1 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 38.5 | 30.8 | 15.4 | 15.4 | p | 28.6 | 30.0 | 31.4 | 8.6 | q | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 7.7 | 92.3 | 0.0 | 0.0 | p | 10.0 | 81.4 | 4.3 | 4.3 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 15.4 | 38.5 | 7.7 | 38.5 | p | 12.9 | 45.7 | 5.7 | 35.7 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 7.7 | 0.0 | 92.3 | 0.0 | p | 8.6 | 4.3 | 82.9 | 4.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 15.4 | 76.9 | 7.7 | 0.0 | q | 21.4 | 55.7 | 18.6 | 4.3 | q | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 30.8 | 0.0 | 46.2 | 23.1 | p | 37.1 | 11.4 | 34.3 | 17.1 | p | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 803 - Private

(percentage of students who selected each response)

#453 - Eric G. Lambert All-Grade, Churchill Falls

Grades: K-12

| Item | Key | School [N=9] | | | | School Below Above District | District [N=70] | | | | School Below Above Province | Province [N=3,499] | | | |
|------|-----|--------------|-------|-------|-------|-----------------------------------|-----------------|------|------|------|-----------------------------------|--------------------|------|------|------|
| | | A | B | C | D | | A | B | C | D | | A | B | C | D |
| 1. | B | 0.0 | 88.9 | 11.1 | 0.0 | q | 1.4 | 92.9 | 4.3 | 1.4 | q | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | 22.2 | 44.4 | 0.0 | 33.3 | q | 10.0 | 40.0 | 11.4 | 38.6 | q | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | 11.1 | 0.0 | 33.3 | 55.6 | q | 37.1 | 1.4 | 47.1 | 14.3 | q | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | 11.1 | 11.1 | 55.6 | 22.2 | p | 27.1 | 20.0 | 35.7 | 17.1 | q | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | 0.0 | 0.0 | 88.9 | 11.1 | p | 17.1 | 1.4 | 75.7 | 5.7 | p | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | 33.3 | 0.0 | 33.3 | 33.3 | q | 5.7 | 8.6 | 52.9 | 32.9 | q | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | 55.6 | 0.0 | 22.2 | 22.2 | q | 71.4 | 4.3 | 7.1 | 15.7 | q | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | 0.0 | 0.0 | 100.0 | 0.0 | p | 4.3 | 2.9 | 82.9 | 10.0 | p | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | 22.2 | 11.1 | 11.1 | 55.6 | q | 25.7 | 22.9 | 24.3 | 27.1 | q | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | 55.6 | 44.4 | 0.0 | 0.0 | q | 24.3 | 70.0 | 2.9 | 2.9 | q | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | 22.2 | 33.3 | 44.4 | 0.0 | p | 35.7 | 24.3 | 35.7 | 4.3 | p | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | 77.8 | 11.1 | 11.1 | 0.0 | p | 51.4 | 11.4 | 28.6 | 8.6 | p | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | 66.7 | 22.2 | 0.0 | 11.1 | p | 58.6 | 14.3 | 11.4 | 15.7 | q | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | 0.0 | 22.2 | 0.0 | 77.8 | q | 5.7 | 5.7 | 4.3 | 84.3 | q | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | 22.2 | 22.2 | 22.2 | 33.3 | q | 21.4 | 30.0 | 5.7 | 42.9 | q | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | 55.6 | 22.2 | 0.0 | 22.2 | p | 47.1 | 11.4 | 12.9 | 28.6 | p | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | 55.6 | 11.1 | 11.1 | 22.2 | q | 57.1 | 14.3 | 7.1 | 20.0 | q | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | 33.3 | 55.6 | 11.1 | 0.0 | q | 25.7 | 57.1 | 12.9 | 4.3 | p | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | 11.1 | 0.0 | 22.2 | 66.7 | q | 5.7 | 5.7 | 10.0 | 78.6 | q | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | 0.0 | 22.2 | 44.4 | 33.3 | p | 10.0 | 20.0 | 34.3 | 34.3 | p | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | 55.6 | 0.0 | 33.3 | 11.1 | q | 72.9 | 8.6 | 12.9 | 5.7 | q | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | 0.0 | 55.6 | 33.3 | 11.1 | p | 17.1 | 35.7 | 32.9 | 14.3 | p | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | 0.0 | 0.0 | 88.9 | 11.1 | p | 8.6 | 14.3 | 44.3 | 32.9 | p | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | 66.7 | 33.3 | 0.0 | 0.0 | p | 47.1 | 8.6 | 34.3 | 10.0 | p | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | 77.8 | 22.2 | 0.0 | 0.0 | p | 62.9 | 14.3 | 11.4 | 11.4 | p | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | 88.9 | 11.1 | 0.0 | 0.0 | p | 87.1 | 4.3 | 7.1 | 1.4 | q | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | 33.3 | 33.3 | 0.0 | 33.3 | q | 14.3 | 52.9 | 18.6 | 14.3 | q | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | 0.0 | 66.7 | 33.3 | 0.0 | q | 2.9 | 72.9 | 20.0 | 2.9 | q | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | 0.0 | 0.0 | 0.0 | 100.0 | p | 5.7 | 5.7 | 2.9 | 85.7 | p | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | 0.0 | 22.2 | 11.1 | 66.7 | p | 15.7 | 11.4 | 8.6 | 64.3 | p | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | 33.3 | 11.1 | 55.6 | 0.0 | p | 22.9 | 8.6 | 45.7 | 21.4 | p | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | 22.2 | 22.2 | 33.3 | 22.2 | q | 35.7 | 31.4 | 14.3 | 17.1 | q | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | 11.1 | 11.1 | 22.2 | 55.6 | q | 4.3 | 8.6 | 12.9 | 74.3 | q | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | 55.6 | 0.0 | 44.4 | 0.0 | q | 35.7 | 7.1 | 51.4 | 5.7 | q | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | 0.0 | 77.8 | 22.2 | 0.0 | p | 11.4 | 45.7 | 40.0 | 2.9 | p | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | 0.0 | 0.0 | 55.6 | 44.4 | q | 1.4 | 1.4 | 78.6 | 18.6 | q | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | 77.8 | 22.2 | 0.0 | 0.0 | p | 60.0 | 20.0 | 5.7 | 14.3 | p | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | 11.1 | 88.9 | 0.0 | 0.0 | p | 2.9 | 74.3 | 14.3 | 8.6 | p | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | 0.0 | 0.0 | 22.2 | 77.8 | p | 5.7 | 11.4 | 10.0 | 72.9 | q | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | 66.7 | 0.0 | 33.3 | 0.0 | p | 50.0 | 15.7 | 24.3 | 8.6 | q | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | 77.8 | 22.2 | 0.0 | 0.0 | p | 44.3 | 35.7 | 8.6 | 11.4 | p | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 12.9 | 60.0 | 12.9 | 14.3 | p | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | 22.2 | 44.4 | 0.0 | 33.3 | q | 31.4 | 32.9 | 8.6 | 27.1 | q | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | 77.8 | 0.0 | 11.1 | 11.1 | p | 61.4 | 10.0 | 8.6 | 17.1 | p | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | 22.2 | 55.6 | 22.2 | 0.0 | p | 28.6 | 30.0 | 31.4 | 8.6 | p | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | 0.0 | 100.0 | 0.0 | 0.0 | p | 10.0 | 81.4 | 4.3 | 4.3 | p | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | 11.1 | 44.4 | 0.0 | 44.4 | p | 12.9 | 45.7 | 5.7 | 35.7 | q | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | 11.1 | 0.0 | 88.9 | 0.0 | p | 8.6 | 4.3 | 82.9 | 4.3 | p | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | 33.3 | 44.4 | 22.2 | 0.0 | p | 21.4 | 55.7 | 18.6 | 4.3 | p | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | 77.8 | 0.0 | 22.2 | 0.0 | q | 37.1 | 11.4 | 34.3 | 17.1 | q | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education



Mathematics 3204 Item Analysis
Multiple Choice Questions, Part I
June 2005

District 804 - Native Federal

(percentage of students who selected each response)

#376 - St. Anneway Kegnamogwom, Conne River

Grades: K-12

| Item | Key | School [N=4] | | | | District [N=4] | | | | Province [N=3,499] | | | | | | | |
|------|-----|---|---|---|---|----------------|----------------|-------|-------|--------------------|-------|----------------|----------------|------|------|------|------|
| | | A | B | C | D | Below District | Above District | A | B | C | D | Below Province | Above Province | A | B | C | D |
| 1. | B | | | | | P | | 0.0 | 100.0 | 0.0 | 0.0 | P | | 2.7 | 93.9 | 1.9 | 1.5 |
| 2. | D | School data with 5 or fewer students withheld for reasons of confidentiality. | | | | P | | 0.0 | 25.0 | 50.0 | 25.0 | q | | 10.6 | 27.0 | 14.0 | 48.4 |
| 3. | C | | | | | P | | 50.0 | 0.0 | 50.0 | 0.0 | P | | 33.5 | 5.1 | 44.3 | 17.0 |
| 4. | D | | | | | P | | 25.0 | 0.0 | 50.0 | 25.0 | q | | 25.1 | 16.0 | 30.2 | 28.7 |
| 5. | C | | | | | P | | 0.0 | 0.0 | 75.0 | 25.0 | q | | 9.8 | 2.5 | 76.7 | 10.9 |
| 6. | C | | | | | P | | 0.0 | 0.0 | 50.0 | 50.0 | q | | 10.1 | 13.4 | 50.6 | 25.8 |
| 7. | A | | | | | P | | 75.0 | 0.0 | 0.0 | 25.0 | P | | 70.5 | 5.1 | 8.4 | 16.1 |
| 8. | C | | | | | P | | 0.0 | 0.0 | 100.0 | 0.0 | P | | 3.1 | 4.1 | 82.6 | 10.1 |
| 9. | B | | | | | P | | 0.0 | 100.0 | 0.0 | 0.0 | P | | 15.0 | 47.0 | 21.8 | 15.8 |
| 10. | B | | | | | P | | 25.0 | 75.0 | 0.0 | 0.0 | P | | 20.3 | 72.4 | 4.9 | 2.4 |
| 11. | C | | | | | P | | 25.0 | 0.0 | 75.0 | 0.0 | P | | 29.2 | 26.2 | 37.2 | 7.3 |
| 12. | A | | | | | P | | 0.0 | 50.0 | 50.0 | 0.0 | q | | 44.2 | 19.9 | 25.5 | 9.9 |
| 13. | A | | | | | P | | 75.0 | 25.0 | 0.0 | 0.0 | P | | 67.3 | 11.0 | 10.4 | 11.2 |
| 14. | D | | | | | P | | 0.0 | 0.0 | 0.0 | 100.0 | P | | 3.2 | 6.8 | 8.8 | 81.2 |
| 15. | B | | | | | P | | 0.0 | 25.0 | 0.0 | 75.0 | q | | 26.0 | 27.7 | 12.7 | 33.4 |
| 16. | A | | | | | P | | 50.0 | 0.0 | 0.0 | 50.0 | P | | 46.5 | 14.1 | 6.7 | 32.6 |
| 17. | A | | | | | P | | 50.0 | 50.0 | 0.0 | 0.0 | q | | 63.9 | 10.4 | 10.4 | 14.8 |
| 18. | B | | | | | P | | 0.0 | 100.0 | 0.0 | 0.0 | P | | 28.2 | 52.0 | 15.0 | 4.7 |
| 19. | D | | | | | P | | 0.0 | 25.0 | 0.0 | 75.0 | P | | 5.7 | 15.5 | 9.1 | 69.7 |
| 20. | C | | | | | P | | 0.0 | 0.0 | 50.0 | 50.0 | P | | 10.6 | 20.6 | 35.1 | 33.6 |
| 21. | A | | | | | P | | 100.0 | 0.0 | 0.0 | 0.0 | P | | 85.3 | 6.1 | 5.5 | 3.1 |
| 22. | B | | | | | P | | 25.0 | 75.0 | 0.0 | 0.0 | P | | 15.9 | 43.6 | 27.5 | 13.0 |
| 23. | C | | | | | P | | 0.0 | 0.0 | 100.0 | 0.0 | P | | 11.6 | 14.4 | 47.6 | 26.2 |
| 24. | A | | | | | P | | 75.0 | 25.0 | 0.0 | 0.0 | P | | 48.2 | 6.8 | 32.8 | 12.1 |
| 25. | A | | | | | P | | 100.0 | 0.0 | 0.0 | 0.0 | P | | 67.5 | 10.1 | 9.7 | 12.8 |
| 26. | A | | | | | P | | 100.0 | 0.0 | 0.0 | 0.0 | P | | 89.6 | 3.9 | 4.9 | 1.5 |
| 27. | B | | | | | P | | 0.0 | 75.0 | 0.0 | 25.0 | P | | 24.1 | 53.1 | 10.9 | 11.8 |
| 28. | B | | | | | P | | 0.0 | 75.0 | 25.0 | 0.0 | P | | 1.7 | 73.4 | 22.2 | 2.4 |
| 29. | D | | | | | P | | 0.0 | 0.0 | 0.0 | 100.0 | P | | 4.1 | 3.2 | 3.4 | 89.3 |
| 30. | D | | | | | P | | 0.0 | 50.0 | 0.0 | 50.0 | q | | 9.7 | 16.5 | 10.7 | 62.9 |
| 31. | C | | | | | P | | 0.0 | 0.0 | 50.0 | 50.0 | P | | 18.3 | 9.1 | 46.4 | 26.0 |
| 32. | A | | | | | P | | 100.0 | 0.0 | 0.0 | 0.0 | P | | 44.1 | 28.2 | 14.2 | 12.8 |
| 33. | D | | | | | P | | 0.0 | 0.0 | 0.0 | 100.0 | P | | 4.2 | 10.6 | 7.4 | 77.7 |
| 34. | C | | | | | P | | 25.0 | 0.0 | 75.0 | 0.0 | P | | 25.6 | 7.6 | 61.2 | 5.5 |
| 35. | B | | | | | P | | 0.0 | 50.0 | 50.0 | 0.0 | q | | 6.2 | 67.0 | 22.2 | 4.3 |
| 36. | C | | | | | P | | 0.0 | 0.0 | 100.0 | 0.0 | P | | 2.5 | 1.5 | 82.3 | 13.7 |
| 37. | A | | | | | P | | 75.0 | 25.0 | 0.0 | 0.0 | P | | 56.5 | 16.2 | 8.1 | 19.0 |
| 38. | B | | | | | P | | 0.0 | 75.0 | 25.0 | 0.0 | P | | 9.3 | 68.1 | 15.0 | 7.6 |
| 39. | D | | | | | P | | 0.0 | 0.0 | 0.0 | 100.0 | P | | 2.1 | 7.8 | 11.0 | 79.1 |
| 40. | C | | | | | P | | 75.0 | 0.0 | 25.0 | 0.0 | q | | 49.8 | 10.4 | 34.5 | 5.1 |
| 41. | A | | | | | P | | 25.0 | 75.0 | 0.0 | 0.0 | q | | 52.8 | 26.2 | 12.7 | 8.2 |
| 42. | B | | | | | P | | 0.0 | 100.0 | 0.0 | 0.0 | P | | 12.0 | 63.0 | 13.8 | 11.0 |
| 43. | A | | | | | P | | 50.0 | 50.0 | 0.0 | 0.0 | P | | 28.7 | 30.0 | 13.7 | 27.1 |
| 44. | A | | | | | P | | 50.0 | 25.0 | 25.0 | 0.0 | q | | 54.9 | 13.3 | 13.4 | 18.1 |
| 45. | B | | | | | P | | 75.0 | 0.0 | 25.0 | 0.0 | q | | 28.3 | 38.8 | 22.8 | 9.6 |
| 46. | B | | | | | P | | 0.0 | 100.0 | 0.0 | 0.0 | P | | 8.1 | 80.2 | 7.8 | 3.9 |
| 47. | D | | | | | P | | 0.0 | 25.0 | 0.0 | 75.0 | P | | 5.9 | 36.4 | 10.0 | 47.5 |
| 48. | C | | | | | P | | 0.0 | 0.0 | 100.0 | 0.0 | P | | 8.4 | 3.8 | 84.6 | 3.1 |
| 49. | C | | | | | P | | 0.0 | 75.0 | 0.0 | 0.0 | q | | 31.3 | 39.6 | 20.7 | 7.6 |
| 50. | C | | | | | P | | 50.0 | 0.0 | 25.0 | 25.0 | q | | 36.6 | 12.7 | 39.2 | 10.8 |

Note: percentages may not add to 100% due to missing values.

Source: The Division of Evaluation and Research, Department of Education