# Mathematics 3200 Item Analysis 

Written Response, Part II

Newfoundland
Labrador

## NLESD - Labrador Region

\#010 - Menihek High School, Labrador City

Grades: 8-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=17$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=38$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.8 | $\nabla$ | 3.9 | - | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\nabla$ | 2.7 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\nabla$ | 1.5 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\nabla$ | 1.7 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.4 | $\nabla$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.2 | $\triangle$ | 3.2 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.5 | $\triangle$ | 2.4 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.6 | $\triangle$ | 1.6 | - | 1.6 |
| 56A. | 4 | T5 | 2.2 | $\triangle$ | 1.8 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 | 2.2 | $\triangle$ | 2.1 | $\wedge$ | 2.1 |
| 57. | 3 | RF9 | 2.4 | $\nabla$ | 2.6 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\nabla$ | 1.7 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.4 | A | 1.2 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\triangle$ | 1.5 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.6 | $\triangle$ | 1.6 | $\triangle$ | 1.4 |

Grades: 8-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=21$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=38$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 4.0 | $\triangle$ | 3.9 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.7 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.7 | $\triangle$ | 1.7 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.1 | $\nabla$ | 3.2 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.4 | $\nabla$ | 2.4 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.6 | $\nabla$ | 1.6 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 1.5 | $\nabla$ | 1.8 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\nabla$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.7 | $\triangle$ | 2.6 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\triangle$ | 1.7 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 1.2 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.1 | $\nabla$ | 1.2 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.4 | $\nabla$ | 1.5 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\checkmark$ | 1.3 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.6 | - | 1.6 | - | 1.4 |

[^0]NLESD - Western Region
\#022 - William Gillett Academy, Charlottetown, LAB

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=2$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=157$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | 4 | 1.8 |
| 52A. | 3 | RF3 | stu | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\wedge$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\wedge$ | 1.4 |

[^1]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=157$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 2.9 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^2]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=10$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\nabla$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\nabla$ | 1.3 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 0.8 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 3.5 | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.2 | $\nabla$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 2.3 | $\Delta$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 3.0 | - | 2.0 | A | 2.0 |
| 56B. | 3 | T6 | 2.7 | $\wedge$ | 2.1 | - | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.5 | - | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.8 | - | 2.0 | $\wedge$ | 1.9 |
| 58 C. | 2 | RF8 | 1.1 | - | 1.1 | $\wedge$ | 1.1 |
| 58 D . | 2 | RF9 | 1.6 | $\Delta$ | 1.4 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 | 2.0 | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.5 | $\wedge$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.7 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^3]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 7-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=12$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.6 | $\nabla$ | 3.6 | V | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.3 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\nabla$ | 1.3 | $\checkmark$ | 1.3 |
| 53A. | 2 | RF12 | 1.2 | $\nabla$ | 1.2 | $\checkmark$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\checkmark$ | 1.3 |
| 54. | 4 | T3 | 2.5 | $\nabla$ | 2.9 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.6 | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.0 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\triangle$ | 2.1 | - | 2.1 |
| 57. | 3 | RF9 | 2.2 | $\nabla$ | 2.5 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.5 | $\checkmark$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.7 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.4 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.4 | - | 1.4 | $\wedge$ | 1.4 |

[^4]
## NLESD - Western Region

June 2016
\#086 - Gros Morne Academy, Rocky Harbour
Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District [ $\mathrm{N}=157$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | A | 1.8 |
| 52A. | 3 | RF3 | stud | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\wedge$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\wedge$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | - | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\wedge$ | 1.4 |

[^5]
# Mathematics 3200 Item Analysis 

Written Response, Part II
\#092-Grandy's River Collegiate, Burnt Islands
Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=2$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\wedge$ | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 |  | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | - | 2.0 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.4 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^6]| Item | Value | Outcomes | School [ $\mathrm{N}=13$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.3 | $\checkmark$ | 3.6 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\Delta$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.9 | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.3 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.0 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.8 | $\nabla$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.9 | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 1.9 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.4 | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.2 | $\nabla$ | 2.5 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.8 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.0 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.5 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^7]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 9-12

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.5 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.4 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^8]
# Mathematics 3200 Item Analysis 

Written Response, Part II
June 2016

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=157$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | V | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 |  | V | 2.1 | V | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\wedge$ | 1.1 | $\wedge$ | 1.1 |
| 58D. | 2 | RF9 |  | $\triangle$ | 1.4 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^9]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 9-12

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 |  | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 2.9 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^10]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 9-12

| Item | Value | Outcomes | School [ $\mathrm{N}=20$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\triangle$ | 3.6 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.7 | $\wedge$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.8 | $\nabla$ | 2.9 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.7 | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 1.4 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.8 | V | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.6 | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.9 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^11]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Western Region
\#390 - Elwood High School, Deer Lake
Grades: 10-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=11$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | - | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\nabla$ | 1.3 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.7 | $\nabla$ | 2.9 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.4 | $\checkmark$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.0 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.9 | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.6 | $\triangle$ | 2.5 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.1 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.4 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^12]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: K-12
\#474 - Cloud River Academy, Roddickton

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\wedge$ | 3.6 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\wedge$ | 2.6 | A | 2.6 |
| 52B. | 2 | RF3 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\wedge$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | A | 1.3 | $\wedge$ | 1.3 |
| 54. | 4 | T3 |  | - | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\wedge$ | 1.4 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^13]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\wedge$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | - | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^14]Newfoundland
Labrador
NLESD - Western Region
\#485 - Corner Brook Regional High, Corner Brook
June 2016
9:32:03AM
(average score per item)

| Item | Value | Outcomes | School [ $\mathrm{N}=62$ ] Average | School Below Above District | District [ $\mathrm{N}=157$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.5 | $\nabla$ | 3.6 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.0 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 2.9 | $\nabla$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.6 | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.9 | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.0 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.3 | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.2 | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 | 1.2 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.7 | $\Delta$ | 1.4 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^15]NLESD - Western Region
\#487 - Labrador Straits Academy, L'Anse au Loup

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.2 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\checkmark$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\checkmark$ | 1.1 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^16]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.6 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\checkmark$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 |  | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.5 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\Delta$ | 1.4 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^17]
# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Western Region
\#953 - White Hills Academy, St. Anthony

| Item | Value | Outcomes | School [ $\mathrm{N}=14$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=157$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\triangle$ | 3.6 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | 1.6 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\nabla$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.9 | $\triangle$ | 2.9 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.5 | $\triangle$ | 2.2 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.7 | V | 1.7 | $\wedge$ | 1.6 |
| 56A. | 4 | T5 | 2.3 | $\triangle$ | 2.0 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.4 | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\nabla$ | 2.5 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 0.8 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 2.1 | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 | 0.7 | V | 1.1 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#125 - Copper Ridge Academy, Baie Verte

Grades: K-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=2$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.8 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | V | 1.9 |
| 58 C. | 2 | RF8 |  | $\wedge$ | 1.1 | $\wedge$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
(average score per item)
\#132 - Botwood Collegiate, Botwood
Grades: 7-12

| Item | Value | Outcomes | School [ $\mathrm{N}=11$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\nabla$ | 3.8 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.3 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\triangle$ | 2.5 | - | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.0 | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.3 | $\nabla$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.2 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.7 | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.6 | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.4 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.1 | 4 | 2.0 | 4 | 1.9 |
| 58 C. | 2 | RF8 | 1.5 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.7 | $\Delta$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.9 | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 2.0 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^18]
## NLESD - Central Region

(average score per item)
\#138 - Victoria Academy, Gaultois
Grades: K-3,6-9,11-12

| Item | Value | Outcomes | School [ $\mathrm{N}=2$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] <br> Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\wedge$ | 3.0 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58D. | 2 | RF9 |  | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^19]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=11$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\nabla$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\wedge$ | 1.8 |
| 52 A . | 3 | RF3 | 2.7 | $\wedge$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 2.7 | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.7 | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.3 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.7 | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.6 | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.1 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 0.9 | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\checkmark$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.6 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.3 | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 0.9 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^20]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#151 - John Watkins Academy, Hermitage

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | ith | V | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 |  | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.4 | - | 1.3 |
| 54. | 4 | T3 |  | $\wedge$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\wedge$ | 1.7 | $\wedge$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\wedge$ | 1.5 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\wedge$ | 1.1 |
| 58D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58C. | 2 | PCBT4 |  | $\triangle$ | 1.4 | - | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#152 - Valmont Academy, King's Point

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=2$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.8 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | 4 | 1.8 |
| 52A. | 3 | RF3 | stu | $\triangle$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\wedge$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\wedge$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II
June 2016

## NLESD - Central Region

(average score per item)

Grades: 3,6,9-10,12

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\wedge$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\wedge$ | 3.0 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | - | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\wedge$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 7-12

| Item | Value | Outcomes | School [ $\mathrm{N}=4$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\nabla$ | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | V | 1.9 |
| 58 C . | 2 | RF8 |  | $\nabla$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\triangle$ | 1.4 |

[^21]
# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Central Region
\#171 - Indian River High School, Springdale

| Item | Value | Outcomes | School [ $\mathrm{N}=2$ ] Average | School Below Above District | District [ $\mathrm{N}=205]$ Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 |  | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\wedge$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\wedge$ | 3.0 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\wedge$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\wedge$ | 1.5 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\wedge$ | 1.1 | $\wedge$ | 1.1 |
| 58D. | 2 | RF9 |  | $\Delta$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\nabla$ | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\wedge$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\checkmark$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | V | 1.9 |
| 58 C . | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.6 | $\wedge$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\checkmark$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^22]
# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Central Region
\#187 - Jane Collins Academy, Hare Bay

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District $\mathrm{CN}=205]$ Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | d | $\wedge$ | 2.5 | A | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\wedge$ | 1.4 | $\Delta$ | 1.3 |
| 53B. | 2 | RF12 |  | A | 1.4 | $\wedge$ | 1.3 |
| 54. | 4 | T3 |  | $\wedge$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\wedge$ | 1.5 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^23]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador

## NLESD - Central Region

\#190 - Lewisporte Collegiate, Lewisporte

| Item | Value | Outcomes | School [N=15] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.7 | $\triangle$ | 2.5 | $\Delta$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.8 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.6 | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.8 | $\triangle$ | 2.3 | $\wedge$ | 2.0 |
| 55B. | 3 | T4 | 2.2 | $\triangle$ | 1.7 | $\wedge$ | 1.6 |
| 56A. | 4 | T5 | 2.7 | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.5 | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.7 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.3 | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 | 1.6 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.8 | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.9 | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

## NLESD - Central Region

June 2016
(average score per item)
\#194-Gill Memorial Academy, Musgrave Harbour
Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\nabla$ | 3.8 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\nabla$ | 1.8 | $\checkmark$ | 1.8 |
| 52A. | 3 | RF3 |  | $\triangle$ | 2.5 | - | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.6 | A | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^24]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#201 - J.M. Olds Collegiate, Twillingate

Grades: 7-12

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\wedge$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | A | 3.0 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 |  | $\wedge$ | 2.3 | - | 2.0 |
| 55B. | 3 | T4 |  | $\Delta$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | - | 2.1 | - | 2.0 |
| 56B. | 3 | T6 |  | - | 2.1 | - | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58 A . | 2 | RF9 |  | $\wedge$ | 1.5 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | - | 1.1 | - | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\wedge$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Central Region
\#204 - Pearson Academy, Wesleyville

| Item | Value | Outcomes | School [ $\mathrm{N}=6$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.9 | $\triangle$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 3.3 | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 1.8 | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.1 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.5 | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.8 | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.2 | $\nabla$ | 2.4 | $\checkmark$ | 2.4 |
| 58A. | 2 | RF9 | 1.0 | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.1 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.2 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58D. | 2 | RF9 | 1.2 | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\nabla$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 0.9 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#206 - Riverwood Academy, Wing's Point

Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.8 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | V | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | stu | $\wedge$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 |  | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#402 - Leo Burke Academy, Bishop's Falls

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\wedge$ | 3.8 | A | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | - | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | A | 3.0 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\checkmark$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.6 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#407-Bay d'Espoir Academy, Milltown

| Item | Value | Outcomes | School [ $\mathrm{N}=14$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] <br> Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.3 | V | 3.8 | V | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.2 | $\checkmark$ | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.0 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.5 | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.9 | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.0 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.2 | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.4 | $\nabla$ | 2.1 | $\checkmark$ | 2.1 |
| 57. | 3 | RF9 | 2.0 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.1 | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.3 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.5 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.5 | $\nabla$ | 1.6 | L | 1.4 |
| 59A. | 2 | PCBT2 | 1.1 | $\checkmark$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.0 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

## NLESD - Central Region

June 2016
(average score per item)
\#414 - Fogo Island Central Academy, Fogo Island
Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=5$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.8 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | for | $\triangle$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 |  | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | V | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\Delta$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\Delta$ | 1.4 | - | 1.4 |

[^25]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=4$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.1 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\nabla$ | 1.6 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^26]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Central Region
\#418 - Gander Collegiate, Gander
Grades: 10-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=65$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\nabla$ | 3.8 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52 A . | 3 | RF3 | 2.2 | $\nabla$ | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.2 | $\nabla$ | 1.4 | V | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.1 | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.6 | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 2.0 | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.1 | $\nabla$ | 2.1 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\nabla$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.3 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.4 | $\nabla$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.0 | $\nabla$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 | 1.1 | V | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.4 | $\nabla$ | 1.6 | $\wedge$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\nabla$ | 1.6 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\nabla$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.4 | $\nabla$ | 1.4 | - | 1.4 |

[^27]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: K-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=2$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=205$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | - | 3.8 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | V | 1.7 | V | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\wedge$ | 1.1 | $\wedge$ | 1.1 |
| 58D. | 2 | RF9 |  | $\triangle$ | 1.6 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^28]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#422-Glovertown Academy, Glovertown

Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=9$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\nabla$ | 3.8 | V | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.5 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.9 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 1.6 | $\nabla$ | 3.0 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.8 | $\nabla$ | 2.3 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.4 | $\nabla$ | 1.7 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.8 | $\nabla$ | 2.1 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.4 | $\triangle$ | 2.1 | - | 2.1 |
| 57. | 3 | RF9 | 2.6 | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.4 | $\nabla$ | 2.0 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.6 | $\nabla$ | 1.1 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.4 | $\nabla$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.6 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\checkmark$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 0.8 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Labrador
NLESD - Central Region
\#478 - New World Island Academy, Summerford

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 |  | $\wedge$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 |  | $\triangle$ | 1.6 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

Newfoundland
Labrador

## NLESD - Central Region

June 2016
9:32:03AM
(average score per item)
\#480 - Exploits Valley High, Grand Falls-Windsor
Grades: 10-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=32$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=205$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.8 | $\Delta$ | 3.8 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\triangle$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.0 | $\nabla$ | 1.4 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.4 | $\triangle$ | 3.0 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.4 | $\triangle$ | 2.3 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.8 | $\triangle$ | 1.7 | $\wedge$ | 1.6 |
| 56A. | 4 | T5 | 2.9 | $\triangle$ | 2.1 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.7 | $\triangle$ | 2.1 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.8 | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.6 | $\triangle$ | 2.0 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 | 1.4 | $\triangle$ | 1.1 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.7 | $\Delta$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.9 | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.8 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |

[^29]
## Mathematics 3200 Item Analysis

Written Response, Part II

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=6$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\triangle$ | 1.8 | - | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.6 | A | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.2 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.7 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.2 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.3 | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.8 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.8 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.8 | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 | 1.3 | $\wedge$ | 1.0 | $\wedge$ | 1.1 |
| 58 D . | 2 | RF9 | 1.8 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^30]Newfoundland
Labrador
June 2016
9:32:03AM
(average score per item)
NLESD - Eastern Region
\#219 - Marystown Central High School, Marystown

| Item | Value | Outcomes | School [ $\mathrm{N}=14$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.5 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\Delta$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.8 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.3 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\wedge$ | 1.9 | - | 2.0 |
| 55B. | 3 | T4 | 1.7 | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.8 | - | 1.9 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 | 2.5 | - | 2.0 | $\wedge$ | 2.1 |
| 57. | 3 | RF9 | 2.8 | $\triangle$ | 2.4 | - | 2.4 |
| 58A. | 2 | RF9 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 2.4 | - | 1.8 | $\wedge$ | 1.9 |
| 58 C. | 2 | RF8 | 1.6 | - | 1.0 | $\wedge$ | 1.1 |
| 58 D . | 2 | RF9 | 1.5 | $\Delta$ | 1.3 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

## Mathematics 3200 Item Analysis

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=17$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.8 | $\triangle$ | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | 1.9 | A | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.6 | - | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.2 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.5 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\triangle$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.7 | $\Delta$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.6 | - | 1.9 | A | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\wedge$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | - | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.9 | - | 1.8 | $\wedge$ | 1.9 |
| 58 C. | 2 | RF8 | 1.2 | - | 1.0 | $\wedge$ | 1.1 |
| 58 D. | 2 | RF9 | 1.4 | $\triangle$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\wedge$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.7 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^31]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#235 - Clarenville High School, Clarenville

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=22$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 4.0 | $\wedge$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.5 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.7 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.1 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.6 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 2.0 | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 3.0 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.7 | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.2 | $\triangle$ | 1.8 | 4 | 1.9 |
| 58 C. | 2 | RF8 | 1.5 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58D. | 2 | RF9 | 1.7 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.6 | $\triangle$ | 1.4 | - | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#247 - Roncalli Central High, Avondale

| Item | Value | Outcomes | School [ $\mathrm{N}=14$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.4 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.4 | $\checkmark$ | 2.6 | $\checkmark$ | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.6 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.4 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.0 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 1.9 | V | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | 4 | 2.4 |
| 58A. | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.6 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\checkmark$ | 1.1 |
| 58D. | 2 | RF9 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.3 | $\checkmark$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#249-Ascension Collegiate, Bay Roberts

| Item | Value | Outcomes | School [ $\mathrm{N}=45$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.4 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 2.4 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.8 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.4 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.9 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.3 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.8 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.8 | $\nabla$ | 1.0 | $\checkmark$ | 1.1 |
| 58 D. | 2 | RF9 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#253 - Carbonear Collegiate, Carbonear

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=12$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] <br> Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.8 | A | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.7 | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\checkmark$ | 1.3 |
| 54. | 4 | T3 | 2.3 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\triangle$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.1 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 1.9 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.4 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 0.8 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.4 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 0.8 | $\checkmark$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.0 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^32]
# Mathematics 3200 Item Analysis 

Written Response, Part II
June 2016

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | A | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | - | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 |  | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^33]
# Mathematics 3200 Item Analysis 

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#280 - Laval High School, Placentia

| Item | Value | Outcomes | School [N=15] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.5 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.0 | $\nabla$ | 2.7 | $\checkmark$ | 2.8 |
| 55A. | 3 | T5 | 1.8 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.5 | $\wedge$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.4 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 1.8 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 | 0.9 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^34]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=2$ 2 <br> Average | School Below Above District | District [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\wedge$ | 1.8 | - | 1.8 |
| 52A. | 3 | RF3 | students | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 1.9 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\wedge$ | 1.0 | - | 1.1 |
| 58 D. | 2 | RF9 |  | A | 1.3 | A | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^35]| Item | Value | Outcomes | School [ $\mathrm{N}=47$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | - | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | A | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.7 | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.2 | $\wedge$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.0 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.3 | $\wedge$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 2.0 | $\wedge$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 1.7 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\triangle$ | 2.0 | - | 2.1 |
| 57. | 3 | RF9 | 2.4 | $\triangle$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.9 | - | 1.8 | $\wedge$ | 1.9 |
| 58 C. | 2 | RF8 | 1.0 | - | 1.0 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.4 | $\Delta$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^36]Grades: 9-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=67$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\Delta$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 0.8 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 3.0 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.1 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.4 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.7 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\triangle$ | 2.0 | - | 2.1 |
| 57. | 3 | RF9 | 2.4 | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.8 | $\checkmark$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.1 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.4 | $\wedge$ | 1.4 | $\wedge$ | 1.4 |

[^37]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#307 - Mobile Central High, Mobile

| Item | Value | Outcomes | School [ $\mathrm{N}=13$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 0.9 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.0 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.5 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.4 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.9 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.0 | $\triangle$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 1.9 | $\nabla$ | 2.4 | $\checkmark$ | 2.4 |
| 58A. | 2 | RF9 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.2 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.7 | $\checkmark$ | 1.0 | $\checkmark$ | 1.1 |
| 58 D. | 2 | RF9 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\checkmark$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
\#311 - Mount Pearl Senior High, Mount Pearl

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=53$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\triangle$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.2 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.3 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.4 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 1.8 | $\triangle$ | 1.5 | $\wedge$ | 1.6 |
| 56A. | 4 | T5 | 2.7 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.3 | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.6 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.7 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.3 | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 | 1.4 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58D. | 2 | RF9 | 1.5 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=22$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.5 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\triangle$ | 2.6 | - | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.8 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 1.9 | $\triangle$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 2.0 | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 1.8 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.8 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.2 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.7 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.4 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 1.4 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.8 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^38]
# Mathematics 3200 Item Analysis 

Written Response, Part II
June 2016
Newfoundland
Labrador
NLESD - Eastern Region
\#336- Gonzaga Regional High, St. John's

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=121$ ] <br> Average | School Below Above District | District [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.7 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\checkmark$ | 2.6 |
| 52B. | 2 | RF3 | 1.2 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.7 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.4 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.0 | $\triangle$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 2.1 | $\triangle$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.1 | $\triangle$ | 1.8 | 4 | 1.9 |
| 58 C. | 2 | RF8 | 1.0 | $\nabla$ | 1.0 | $\checkmark$ | 1.1 |
| 58 D. | 2 | RF9 | 1.5 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.4 | - | 1.4 | $\nabla$ | 1.4 |

[^39]
## Mathematics 3200 Item Analysis

Written Response, Part II
June 2016
Newfoundland
Labrador
NLESD - Eastern Region
\#340 - Holy Heart High School, St. John's

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=35$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.2 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.6 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.2 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.2 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.4 | $\nabla$ | 2.7 | $\checkmark$ | 2.8 |
| 55A. | 3 | T5 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.4 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.0 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.4 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.5 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 0.9 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^40]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#347-Prince of Wales Collegiate, St. John's

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=33$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] <br> Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.7 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | 1.6 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.5 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.3 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.4 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.0 | $\nabla$ | 1.3 | $\checkmark$ | 1.3 |
| 54. | 4 | T3 | 1.4 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.0 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.0 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.1 | $\checkmark$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 1.6 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 0.9 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.1 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 0.6 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.0 | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.0 | $\checkmark$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.0 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^41]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Newfoundland
Labrador

## NLESD - Eastern Region

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

Grades: 9-12

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=21$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.2 | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | 1.4 | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | 2.1 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 0.9 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 0.9 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.4 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.3 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 2.2 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.4 | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.2 | $\nabla$ | 2.4 | V | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.5 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.1 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.1 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.3 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

Newfoundland
Labrador

## NLESD - Eastern Region

\#368 - Holy Trinity High, Torbay

| Item | Value | Outcomes | School [ $\mathrm{N}=31$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.7 | $\wedge$ | 3.7 | A | 3.7 |
| 51B. | 2 | RF11 | 1.8 | $\wedge$ | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.7 | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.0 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.4 | A | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 2.5 | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.4 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.0 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.0 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.5 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 1.9 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.3 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.6 | $\wedge$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^42]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=4$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\Delta$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 |  | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\Delta$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^43]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.7 | $\triangle$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | nts | $\wedge$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 |  | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\checkmark$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^44]Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=1$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] <br> Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.6 | $\triangle$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\nabla$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 1.9 | $\wedge$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 |  | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58D. | 2 | RF9 |  | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

\#447 - Baltimore School Complex, Ferryland

| Item | Value | Outcomes | School [ $\mathrm{N}=5$ ] Average | School Below Above District | District [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\triangle$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\triangle$ | 1.8 | , | 1.8 |
| 52A. | 3 | RF3 |  | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 |  | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 |  | $\nabla$ | 1.0 | $\checkmark$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\nabla$ | 1.5 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

[^45]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=15$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | - | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | 2.0 | A | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\wedge$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | 1.2 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.3 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.0 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.8 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 1.4 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.5 | $\triangle$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.3 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.7 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.3 | $\nabla$ | 2.4 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 | 1.5 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.1 | $\nabla$ | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 1.0 | - | 1.0 | $\nabla$ | 1.1 |
| 58 D. | 2 | RF9 | 1.3 | $\triangle$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.7 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.2 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^46]
# Mathematics 3200 Item Analysis 

Written Response, Part II
\#471 - Heritage Collegiate, Lethbridge

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province <br> [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\nabla$ | 3.7 | $\nabla$ | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\nabla$ | 1.8 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | stu | $\triangle$ | 2.6 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 |  | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 |  | $\triangle$ | 1.9 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58D. | 2 | RF9 |  | $\Delta$ | 1.3 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: 7-12

| Item | Value | Outcomes | School [ $\mathrm{N}=8$ ] Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 4.0 | $\Delta$ | 3.7 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\triangle$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.9 | $\wedge$ | 2.6 | - | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.8 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.5 | $\triangle$ | 2.7 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 | 2.5 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 55B. | 3 | T4 | 2.0 | $\triangle$ | 1.5 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 3.0 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.9 | $\triangle$ | 2.0 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.9 | $\triangle$ | 2.4 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 2.4 | $\triangle$ | 1.8 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 | 1.7 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.7 | $\Delta$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.5 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.6 | $\triangle$ | 1.4 | $\wedge$ | 1.4 |

[^47]
## Mathematics 3200 Item Analysis

Written Response, Part II
Newfoundland
Labrador
NLESD - Eastern Region
\#489 - Waterford Valley High, St. John's

| Item | Value | Outcomes | School <br> [ $\mathrm{N}=20$ ] <br> Average | School Below Above District | District <br> [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.8 | - | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | 1.9 | A | 1.8 | $\wedge$ | 1.8 |
| 52A. | 3 | RF3 | 2.4 | $\nabla$ | 2.6 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.2 | $\nabla$ | 1.2 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.5 | $\triangle$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.3 |
| 54. | 4 | T3 | 2.8 | $\triangle$ | 2.7 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 1.5 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.2 | $\nabla$ | 1.5 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 2.0 |
| 56B. | 3 | T6 | 1.8 | $\nabla$ | 2.0 | $\nabla$ | 2.1 |
| 57. | 3 | RF9 | 2.5 | $\triangle$ | 2.4 | - | 2.4 |
| 58A. | 2 | RF9 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58B. | 3 | RF9 | 1.8 | - | 1.8 | $\nabla$ | 1.9 |
| 58 C. | 2 | RF8 | 0.9 | $\nabla$ | 1.0 | $\nabla$ | 1.1 |
| 58 D . | 2 | RF9 | 1.3 | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.5 | $\nabla$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.1 | $\nabla$ | 1.4 | $\nabla$ | 1.4 |

[^48]
## Mathematics 3200 Item Analysis

Written Response, Part II

Newfoundland
Labrador

## NLESD - Eastern Region

\#924 - Tricentia Academy, Arnold's Cove

Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=7$ ] Average | School Below Above District | District [ $\mathrm{N}=655$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 4.0 | - | 3.7 | - | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\wedge$ | 1.8 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.6 | $\wedge$ | 2.6 | A | 2.6 |
| 52B. | 2 | RF3 | 1.7 | $\triangle$ | 1.2 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.7 | $\wedge$ | 1.3 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.9 | $\wedge$ | 1.3 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 3.5 | $\wedge$ | 2.7 | - | 2.8 |
| 55A. | 3 | T5 | 2.5 | $\triangle$ | 1.9 | - | 2.0 |
| 55B. | 3 | T4 | 2.2 | , | 1.5 | $\Delta$ | 1.6 |
| 56A. | 4 | T5 | 3.4 | $\triangle$ | 1.9 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.9 | $\triangle$ | 2.0 | $\Delta$ | 2.1 |
| 57. | 3 | RF9 | 2.6 | $\triangle$ | 2.4 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 2.0 | A | 1.4 | A | 1.4 |
| 58B. | 3 | RF9 | 2.3 | $\wedge$ | 1.8 | $\triangle$ | 1.9 |
| 58 C. | 2 | RF8 | 1.9 | $\triangle$ | 1.0 | $\triangle$ | 1.1 |
| 58 D. | 2 | RF9 | 1.8 | $\triangle$ | 1.3 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.9 | $\wedge$ | 1.5 | A | 1.5 |
| 59B. | 2 | PCBT2 | 1.9 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |
| 58 C. | 2 | PCBT4 | 1.8 | $\triangle$ | 1.4 | $\triangle$ | 1.4 |

# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades: K-12

| Item | Value | Outcomes | School [ $\mathrm{N}=14$ ] Average | School Below Above District | District [ $\mathrm{N}=17$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 4.0 | $\triangle$ | 4.0 | $\Delta$ | 3.7 |
| 51B. | 2 | RF11 | 2.0 | $\triangle$ | 1.9 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.4 | $\nabla$ | 2.5 | $\nabla$ | 2.6 |
| 52B. | 2 | RF3 | 1.1 | $\triangle$ | 1.0 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | 1.7 | $\triangle$ | 1.6 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.5 | $\triangle$ | 1.3 |
| 54. | 4 | T3 | 2.4 | $\nabla$ | 2.6 | $\nabla$ | 2.8 |
| 55A. | 3 | T5 | 2.0 | $\nabla$ | 2.0 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 | 1.6 | $\triangle$ | 1.6 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.5 | $\nabla$ | 2.7 | $\triangle$ | 2.0 |
| 56B. | 3 | T6 | 2.4 | $\nabla$ | 2.5 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 3.0 | $\triangle$ | 2.9 | $\wedge$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\nabla$ | 1.7 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 | 1.6 | $\nabla$ | 1.9 | $\nabla$ | 1.9 |
| 58 C . | 2 | RF8 | 1.4 | $\triangle$ | 1.4 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.6 | $\nabla$ | 1.7 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.5 | $\checkmark$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.4 | $\triangle$ | 1.3 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.7 | $\nabla$ | 1.7 | $\triangle$ | 1.4 |

[^49]
# Mathematics 3200 Item Analysis 

Written Response, Part II

| Item | Value | Outcomes | School [ $\mathrm{N}=3$ ] Average | School Below Above District | District [ $\mathrm{N}=17$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | School data | $\nabla$ | 4.0 | - | 3.7 |
| 51B. | 2 | RF11 | with 5 or fewer | $\nabla$ | 1.9 | $\nabla$ | 1.8 |
| 52A. | 3 | RF3 | students | $\triangle$ | 2.5 | $\wedge$ | 2.6 |
| 52B. | 2 | RF3 | reasons of | $\nabla$ | 1.0 | $\nabla$ | 1.3 |
| 53A. | 2 | RF12 | confidentiality. | $\nabla$ | 1.6 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 |  | $\triangle$ | 1.5 | $\triangle$ | 1.3 |
| 54. | 4 | T3 |  | $\triangle$ | 2.6 | $\triangle$ | 2.8 |
| 55A. | 3 | T5 |  | $\triangle$ | 2.0 | $\nabla$ | 2.0 |
| 55B. | 3 | T4 |  | $\nabla$ | 1.6 | $\nabla$ | 1.6 |
| 56A. | 4 | T5 |  | - | 2.7 | $\wedge$ | 2.0 |
| 56B. | 3 | T6 |  | $\triangle$ | 2.5 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 |  | $\nabla$ | 2.9 | $\nabla$ | 2.4 |
| 58A. | 2 | RF9 |  | $\triangle$ | 1.7 | $\triangle$ | 1.4 |
| 58B. | 3 | RF9 |  | $\triangle$ | 1.9 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 |  | $\nabla$ | 1.4 | $\wedge$ | 1.1 |
| 58 D. | 2 | RF9 |  | $\triangle$ | 1.7 | $\Delta$ | 1.4 |
| 59A. | 2 | PCBT2 |  | $\triangle$ | 1.6 | $\triangle$ | 1.5 |
| 59B. | 2 | PCBT2 |  | $\nabla$ | 1.3 | $\nabla$ | 1.4 |
| 58 C . | 2 | PCBT4 |  | $\triangle$ | 1.7 | $\triangle$ | 1.4 |

[^50]
# Mathematics 3200 Item Analysis 

Written Response, Part II

Grades:

| Item | Value | Outcomes | School [ $\mathrm{N}=90$ ] Average | School Below Above District | District [ $\mathrm{N}=90$ ] Average | School Below Above Province | Province [ $\mathrm{N}=1,072$ ] Average |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 51A. | 4 | RF11 | 3.9 | $\triangle$ | 3.9 | A | 3.7 |
| 51B. | 2 | RF11 | 1.9 | $\wedge$ | 1.9 | $\triangle$ | 1.8 |
| 52A. | 3 | RF3 | 2.8 | - | 2.8 | A | 2.6 |
| 52B. | 2 | RF3 | 1.4 | $\wedge$ | 1.4 | $\triangle$ | 1.3 |
| 53A. | 2 | RF12 | 1.6 | $\wedge$ | 1.6 | $\triangle$ | 1.3 |
| 53B. | 2 | RF12 | 1.5 | $\triangle$ | 1.5 | $\wedge$ | 1.3 |
| 54. | 4 | T3 | 3.1 | $\wedge$ | 3.1 | $\wedge$ | 2.8 |
| 55A. | 3 | T5 | 2.3 | $\triangle$ | 2.3 | $\wedge$ | 2.0 |
| 55B. | 3 | T4 | 1.7 | $\triangle$ | 1.7 | $\triangle$ | 1.6 |
| 56A. | 4 | T5 | 2.2 | $\wedge$ | 2.2 | A | 2.0 |
| 56B. | 3 | T6 | 2.2 | $\triangle$ | 2.2 | $\triangle$ | 2.1 |
| 57. | 3 | RF9 | 2.7 | $\triangle$ | 2.7 | $\triangle$ | 2.4 |
| 58A. | 2 | RF9 | 1.6 | $\wedge$ | 1.6 | $\wedge$ | 1.4 |
| 58B. | 3 | RF9 | 2.1 | $\wedge$ | 2.1 | $\triangle$ | 1.9 |
| 58 C . | 2 | RF8 | 1.3 | $\wedge$ | 1.3 | $\triangle$ | 1.1 |
| 58 D . | 2 | RF9 | 1.6 | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 59A. | 2 | PCBT2 | 1.8 | $\triangle$ | 1.8 | $\wedge$ | 1.5 |
| 59B. | 2 | PCBT2 | 1.6 | $\triangle$ | 1.6 | $\triangle$ | 1.4 |
| 58 C . | 2 | PCBT4 | 1.6 | $\triangle$ | 1.6 | $\triangle$ | 1.4 |

[^51]
[^0]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT $\boldsymbol{\nabla} \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^1]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT
    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^2]:    * Refer to the Outcome Report for additional information.

[^3]:    * Refer to the Outcome Report for additional information.

[^4]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^5]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT
    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^6]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT
    $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^7]:    * Refer to the Outcome Report for additional information.

[^8]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT
    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^9]:    * Refer to the Outcome Report for additional information.

[^10]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT
    $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^11]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^12]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT $\boldsymbol{\nabla} \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^13]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT
    $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^14]:    * Refer to the Outcome Report for additional information.

[^15]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT $\checkmark \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^16]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT
    $\boldsymbol{\nabla} \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^17]:    * Refer to the Outcome Report for additional information.

[^18]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^19]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT
    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^20]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^21]:    * Refer to the Outcome Report for additional information.

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    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

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    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^23]:    * Refer to the Outcome Report for additional information.

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[^24]:    * Refer to the Outcome Report for additional information.

    H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT
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    $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^26]:    * Refer to the Outcome Report for additional information.

[^27]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^28]:    * Refer to the Outcome Report for additional information.

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    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^29]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT $\nabla \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^30]:    * Refer to the Outcome Report for additional information.

[^31]:    * Refer to the Outcome Report for additional information.

[^32]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

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[^36]:    * Refer to the Outcome Report for additional information.

[^37]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

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[^39]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^40]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT $\checkmark \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

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[^42]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^43]:    * Refer to the Outcome Report for additional information.

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[^44]:    * Refer to the Outcome Report for additional information.

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    V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^45]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

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[^47]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^48]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^49]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANAL\JUNE16IPART2\593200_B1593200_Bunits_W.RPT V $\Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^50]:    * Refer to the Outcome Report for additional information.

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    $\boldsymbol{\nabla} \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

[^51]:    * Refer to the Outcome Report for additional information. H:IELEM_SECIITEMANALIJUNE16IPART2\593200_B1593200_Bunits_W.RPT $\boldsymbol{\nabla} \Delta$ The school result may appear numerically the same as the district/province due to rounding. The arrow indicates a negligible difference.

