**W.S # 2: Integers Math 7 / 40**

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13) The temperature in Resolute, Nunavut, one afternoon in May was

- 8˚C. The temperature decreased by 6˚C to reach the overnight low temperature. What was the overnight low temperature?

14) The most rapid temperature increase by a chinook took place in Spearfish, South Dakota. One January morning, the temperature was

-20˚C. The temperature then increased by 27˚C in two minutes. The temperature continued to climb another 5˚C before stopping. It then dropped by 32˚C in 27 minutes. What was the final temperature?

|  |  |
| --- | --- |
| 19 |  |
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**39) Bonus 1:** In the table shown, the numbers 1, 2, and 3 are placed so that each number occurs only once in each row and only once in each column. What is the value of X + Y?

40) At Mt. Slesse Middle School , a total of 480 students voted for their favourite subject. The results are summarized in the pie chart. How many students voted for math?

**W.S # 2: Integers Math 7**

|  |  |
| --- | --- |
| 1 | (+6) + (-5) |
| 2 | (+4) + (-3) |
| 3 | (-3) + (+6) |
| 4 | (-4) + (+2) |
| 5 | -1 |
| 6 | -5 |
| 7 | -21 |
| 8 | -27 |
| 9 | -3 |
| 10 | -8 |
| 11 | 2 |
| 12 | 21 |
| 13 | -14˚C |
| 14 | -20˚C |
| 15 | -13 |
| 16 | -25 |
| 17 | -11 |
| 18 | 4 |

**Name: \_\_\_\_\_\_\_key\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ /38**



13) The temperature in Resolute, Nunavut, one afternoon in May was

- 8˚C. The temperature decreased by 6˚C to reach the overnight low temperature. What was the overnight low temperature?

14) The most rapid temperature increase by a chinook took place in Spearfish, South Dakota. One January morning, the temperature was

-20˚C. The temperature then increased by 27˚C in two minutes. The temperature continued to climb another 5˚C before stopping. It then dropped by 32˚C in 27 minutes. What was the final temperature?

|  |  |
| --- | --- |
| 19 | 2 |
| 20 | -13 |
| 21 | -3 |
| 22 | -4 |
| 23 | 13 |
| 24 | -11 |
| 25 | -5 |
| 26 | -6 |
| 27 | 0 |
| 28 | -10 |
| 29 | 17 |
| 30 | -9 |
| 31 | 9 |
| 32 | -12 |
| 33 | 15 |
| 34 | 21 |
| 35 | 1 |
| 36 | 39 |
| 37 | 1 |
| 38 | -2 |
| 39 | 5 |
| 40 | 96 |



**39) Bonus 1:** In the table shown, the numbers 1, 2, and 3 are placed so that each number occurs only once in each row and only once in each column. What is the value of X + Y?

40) At Mt. Slesse Middle School , a total of 480 students voted for their favourite subject. The results are summarized in the pie chart. How many students voted for math?