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Math worksheet on *'Sums - Series of Integers M to N - Equation to Text (Level 1)'*. Part of a broader unit on *'Patterns and Sums - Advanced'*

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1

What would describe the sum this equation gives you?

$$\frac{9(9+1)}{2} - \frac{(4-1)4}{2}$$

a The sum of all integers from 3 to 9, inclusive

b The sum of all integers from 5 to 9, inclusive

c The sum of all integers from 4 to 8, inclusive

d The sum of all integers from 4 to 10, inclusive

e The sum of all integers from 4 to 9, inclusive

2

What would describe the sum this equation gives you?

$$\frac{14(14+1)}{2} - \frac{(9-1)9}{2}$$

a The sum of all integers from 9 to 13, inclusive

b The sum of all integers from 10 to 14, inclusive

c The sum of all integers from 9 to 14, inclusive

d The sum of all integers from 9 to 15, inclusive

e The sum of all integers from 8 to 14, inclusive

3

What would describe the sum this equation gives you?

$$\frac{17(17+1)}{2} - \frac{(7-1)7}{2}$$

a The sum of all integers from 7 to 16, inclusive

b The sum of all integers from 7 to 17, inclusive

c The sum of all integers from 6 to 17, inclusive

d The sum of all integers from 7 to 18, inclusive

e The sum of all integers from 8 to 17, inclusive

4

What would describe the sum this equation gives you?

$$\frac{12(12+1)}{2} - \frac{(5-1)5}{2}$$

a The sum of all integers from 5 to 13, inclusive

b The sum of all integers from 4 to 12, inclusive

c The sum of all integers from 5 to 12, inclusive

d The sum of all integers from 6 to 12, inclusive

e The sum of all integers from 5 to 11, inclusive

5

What would describe the sum this equation gives you?

$$\frac{15(15+1)}{2} - \frac{(7-1)7}{2}$$

a The sum of all integers from 7 to 16, inclusive

b The sum of all integers from 6 to 15, inclusive

c The sum of all integers from 7 to 15, inclusive

d The sum of all integers from 7 to 14, inclusive

e The sum of all integers from 8 to 15, inclusive

6

What would describe the sum this equation gives you?

$$\frac{13(13+1)}{2} - \frac{(7-1)7}{2}$$

a The sum of all integers from 6 to 13, inclusive

b The sum of all integers from 8 to 13, inclusive

c The sum of all integers from 7 to 13, inclusive

d The sum of all integers from 7 to 12, inclusive

e The sum of all integers from 7 to 14, inclusive

7

What would describe the sum this equation gives you?

$$\frac{8(8+1)}{2} - \frac{(2-1)2}{2}$$

a The sum of all integers from 3 to 8, inclusive

b The sum of all integers from 2 to 7, inclusive

c The sum of all integers from 1 to 8, inclusive

d The sum of all integers from 2 to 9, inclusive

e The sum of all integers from 2 to 8, inclusive