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

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1

What equation would give you this sum?

The sum of all integers from 10 to 18, inclusive

a $\frac{2}{18(18+1)}$

b $\frac{19(19+1)}{2} - \frac{(10-1)10}{2}$

c $\frac{17(17+1)}{2} - \frac{(10-1)10}{2}$

d $\frac{18(18+1)}{2} - \frac{(10-1)10}{2}$

e $\frac{18(18+1)}{2}$

2

What equation would give you this sum?

The sum of all integers from 5 to 11, inclusive

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

b $\frac{2}{11(11+1)}$

c $\frac{10(10+1)}{2} - \frac{(5-1)5}{2}$

d $\frac{11(11+1)}{2} - \frac{(5-1)5}{2}$

3

What equation would give you this sum?

The sum of all integers from 3 to 10, inclusive

a $\frac{2}{10(10+1)}$

b $\frac{10(10+1)}{2}$

c $\frac{11(11+1)}{2} - \frac{(3-1)3}{2}$

d $\frac{10(10+1)}{2} - \frac{(3-1)3}{2}$

4

What equation would give you this sum?

The sum of all integers from 11 to 16, inclusive

a $\frac{15(15+1)}{2} - \frac{(11-1)11}{2}$

b $\frac{16(16+1)}{2} - \frac{(11-1)11}{2}$

c $\frac{16(16+1)}{2}$

d $\frac{16(16+1)}{2} - \frac{(10-1)10}{2}$

5

What equation would give you this sum?

The sum of all integers from 9 to 16, inclusive

a $\frac{16(16+1)}{2}$

b $\frac{17(17+1)}{2} - \frac{(9-1)9}{2}$

c $\frac{16(16+1)}{2} - \frac{(9-1)9}{2}$

6

What equation would give you this sum?

The sum of all integers from 16 to 22, inclusive

a $\frac{22(22+1)}{2}$

b $\frac{2}{22(22+1)}$

c $\frac{22(22+1)}{2} - \frac{(16-1)16}{2}$

d $\frac{21(21+1)}{2} - \frac{(16-1)16}{2}$

7

What equation would give you this sum?

The sum of all integers from 14 to 20, inclusive

a $\frac{19(19+1)}{2} - \frac{(14-1)14}{2}$

b $\frac{20(20+1)}{2} - \frac{(14-1)14}{2}$

c $\frac{20(20+1)}{2} - \frac{(15-1)15}{2}$

d $\frac{20(20+1)}{2}$