



## Sums - Series of Integers 1 to N - Addition to Equation

1

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 14 + 15$$

A  $\frac{16(16 + 1)}{2}$       B  $\frac{15(15 + 1)}{2}$

C  $\frac{2}{15(15 + 1)}$

2

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 18 + 19$$

A  $\frac{19(19 + 1)}{2}$       B  $\frac{20(20 + 1)}{2}$

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

3

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 21 + 22$$

A  $\frac{2}{22(22 + 1)}$       B  $\frac{22(22 + 1)}{2}$

C  $\frac{21(21 + 1)}{2}$

4

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 16 + 17$$

A  $\frac{17(17 + 1)}{17}$       B  $\frac{16(16 + 1)}{2}$

C  $\frac{17(17 + 1)}{2}$

5

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 13 + 14$$

A  $\frac{15(15 + 1)}{2}$       B  $\frac{13(13 + 1)}{2}$

C  $\frac{14(14 + 1)}{2}$       D  $\frac{2}{14(14 + 1)}$

6

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 20 + 21$$

A  $\frac{21(21 + 1)}{21}$       B  $\frac{20(20 + 1)}{2}$

C  $\frac{21(21 + 1)}{2}$

7

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 8 + 9$$

A  $\frac{8(8 + 1)}{2}$       B  $\frac{10(10 + 1)}{2}$

C  $\frac{9(9 + 1)}{2}$       D  $\frac{9(9 + 1)}{9}$

8

What equation would give you the sum of this set of integers?

$$1 + 2 + \dots + 22 + 23$$

A  $\frac{24(24 + 1)}{2}$       B  $\frac{22(22 + 1)}{2}$

C  $\frac{23(23 + 1)}{23}$       D  $\frac{23(23 + 1)}{2}$