Name

Sums - Series of Integers 1 to N - Equation to Summation Form

1 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=2}^{9} n$

B $\sum_{n=0}^{9} n$

C $\sum_{n=1}^{9} n$

D $\sum_{n=1}^{8} n$

2 What equation in summation form would describe what this equation calculates?

$$\frac{19(19+1)}{2}$$

A $\sum_{n=1}^{18} n$

B $\sum_{n=1}^{19} n$

C $\sum_{n=1}^{19} n+1$

D $\sum_{n=1}^{20} n$

E $\sum_{n=2}^{19} n$

3 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=2}^{14} n$

B $\sum_{n=1}^{13} n$

C $\sum_{n=1}^{14} n+1$

D $\sum_{n=1}^{14} n$

E $\sum_{n=1}^{14} \frac{n}{2}$

4 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=1}^{20} n$

B $\sum_{n=2}^{20} n$

C $\sum_{n=1}^{19} n$

D $\sum_{n=0}^{20} n$

5 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=1}^{12} n$

B $\sum_{n=1}^{13} n$

C $\sum_{n=2}^{13} n$

D $\sum_{n=0}^{13} n$

6 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=1}^{23} n$

B $\sum_{n=2}^{22} n$

C $\sum_{n=1}^{22} n$

D $\sum_{n=0}^{22} n$

7 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=1}^{15} n$

B $\sum_{n=2}^{15} n$

C $\sum_{n=1}^{15} \frac{n}{2}$

D $\sum_{n=1}^{14} n$

8 What equation in summation form would describe what this equation calculates?

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

A $\sum_{n=1}^{8} \frac{n}{2}$

B $\sum_{n=1}^{8} n$

C $\sum_{n=1}^{9} n$

D $\sum_{n=1}^{8} n+1$

E $\sum_{n=2}^{8} n$