Name

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

1 What equation would let you calculate this summation form?

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

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

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

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

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

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

2 What equation would let you calculate this summation form?

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

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

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

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

D $\frac{7(7+1)}{2}$

3 What equation would let you calculate this summation form?

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

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

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

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

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

4 What equation would let you calculate this summation form?

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

A $\frac{2}{23(23+1)}$

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

C $\frac{24(24+1)}{2}$

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

5 What equation would let you calculate this summation form?

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

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

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

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

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

6 What equation would let you calculate this summation form?

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

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

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

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

D $\frac{12(12+1)}{2}$

7 What equation would let you calculate this summation form?

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

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

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

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

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

8 What equation would let you calculate this summation form?

$$\sum_{n=1}^{16} n$$

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

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

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

D $\frac{16(16+1)}{16}$