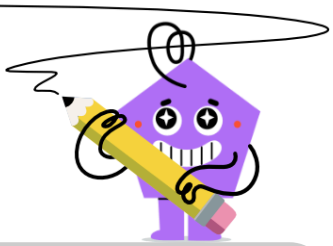
Name

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



1

What equation in summation form would describe this sum?

1 + 2 + ... + 7 + 8

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

B $\sum_{n=1}^{7} n$

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

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

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

2

What equation in summation form would describe this sum?

1 + 2 + ... + 15 + 16

A $\sum_{n=2}^{16} n$

B $\sum_{n=0}^{16} n$

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

D $\sum_{n=1}^{17} n$

3

What equation in summation form would describe this sum?

1 + 2 + ... + 20 + 21

A $\sum_{n=1}^{21} n+1$

B $\sum_{n=0}^{21} n$

C $\sum_{n=1}^{21} n$

D $\sum_{n=2}^{21} n$

4

What equation in summation form would describe this sum?

1 + 2 + ... + 22 + 23

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

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

C $\sum_{n=2}^{23} n$

D $\sum_{n=0}^{23} n$

E $\sum_{n=1}^{23} \frac{n}{2}$

5

What equation in summation form would describe this sum?

1 + 2 + ... + 23 + 24

A $\sum_{n=1}^{25} n$

B $\sum_{n=1}^{24} \frac{n}{2}$

C $\sum_{n=2}^{24} n$

D $\sum_{n=1}^{24} n$

6

What equation in summation form would describe this sum?

1 + 2 + ... + 8 + 9

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

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

C $\sum_{n=1}^{10} n$

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

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

7

What equation in summation form would describe this sum?

1 + 2 + ... + 21 + 22

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

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

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

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

8

What equation in summation form would describe this sum?

1 + 2 + ... + 19 + 20

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

B $\sum_{n=1}^{21} n$

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

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