Math worksheet on *'Sums - Series of Integers 1 to N - Addition to Summation Form (Level 1)'*. Part of a broader unit on *'Patterns and Sums - Intro'*

Learn online: app.mobius.academy/math/units/patterns_and_sums_intro/

1

What equation in summation form would describe this sum?

1 + 2 + ... + 15 + 16

a $\sum_{n=0}^{16} n$ **b** $\sum_{n=2}^{16} n$

c $\sum_{n=1}^{16} n$ **d** $\sum_{n=1}^{17} n$

2

What equation in summation form would describe this sum?

1 + 2 + ... + 23 + 24

a $\sum_{n=1}^{24} n$ **b** $\sum_{n=1}^{25} n$

c $\sum_{n=1}^{24} \frac{n}{2}$ **d** $\sum_{n=2}^{24} n$

3

What equation in summation form would describe this sum?

1 + 2 + ... + 22 + 23

a $\sum_{n=1}^{23} n+1$ **b** $\sum_{n=0}^{23} n$

c $\sum_{n=2}^{23} n$ **d** $\sum_{n=1}^{23} n$

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

4

What equation in summation form would describe this sum?

1 + 2 + ... + 7 + 8

a $\sum_{n=2}^{8} n$ **b** $\sum_{n=1}^{7} n$

c $\sum_{n=1}^{8} \frac{n}{2}$ **d** $\sum_{n=1}^{9} n$

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

5

What equation in summation form would describe this sum?

1 + 2 + ... + 18 + 19

a $\sum_{n=1}^{19} n$ **b** $\sum_{n=1}^{18} n$

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

6

What equation in summation form would describe this sum?

1 + 2 + ... + 8 + 9

a $\sum_{n=0}^{9} n$ **b** $\sum_{n=1}^{9} n$

c $\sum_{n=1}^{10} n$ **d** $\sum_{n=1}^{8} n$

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

7

What equation in summation form would describe this sum?

1 + 2 + ... + 13 + 14

a $\sum_{n=1}^{15} n$ **b** $\sum_{n=0}^{14} n$

c $\sum_{n=1}^{14} n+1$ **d** $\sum_{n=2}^{14} n$

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

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