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

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1

What equation in summation form would describe this sum?

3 + 4 + ... + 12 + 13

a $\sum_{n=2}^{13} n$ **b** $\sum_{n=3}^{13} n+1$

c $\sum_{n=3}^{13} n$ **d** $\sum_{n=3}^{12} n$

e $\sum_{n=4}^{13} n$

2

What equation in summation form would describe this sum?

4 + 5 + ... + 12 + 13

a $\sum_{n=5}^{13} n$ **b** $\sum_{n=2}^{13} n$

c $\sum_{n=4}^{12} n$ **d** $\sum_{n=4}^{14} n$

e $\sum_{n=4}^{13} n$

3

What equation in summation form would describe this sum?

5 + 6 + ... + 11 + 12

a $\sum_{n=4}^{12} n$ **b** $\sum_{n=5}^{12} \frac{n}{2}$

c $\sum_{n=6}^{12} n$ **d** $\sum_{n=2}^{12} n$

e $\sum_{n=5}^{12} n$

4

What equation in summation form would describe this sum?

11 + 12 + ... + 18 + 19

a $\sum_{n=11}^{19} n$ **b** $\sum_{n=2}^{19} n$

c $\sum_{n=11}^{18} n$

5

What equation in summation form would describe this sum?

4 + 5 + ... + 13 + 14

a $\sum_{n=4}^{14} \frac{n}{2}$ **b** $\sum_{n=3}^{14} n$

c $\sum_{n=4}^{14} n+1$ **d** $\sum_{n=4}^{14} n$

e $\sum_{n=4}^{15} n$

6

What equation in summation form would describe this sum?

9 + 10 + ... + 14 + 15

a $\sum_{n=9}^{15} n+1$ **b** $\sum_{n=10}^{15} n$

c $\sum_{n=8}^{15} n$ **d** $\sum_{n=9}^{14} n$

e $\sum_{n=9}^{15} n$

7

What equation in summation form would describe this sum?

1 + 2 + ... + 10 + 11

a $\sum_{n=1}^{11} n+1$ **b** $\sum_{n=2}^{11} n$

c $\sum_{n=1}^{11} n$ **d** $\sum_{n=1}^{10} n$