



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

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

2 What addition does this summation form represent?

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

a	1 + 2 + ... + 9 + 10
b	1 + 2 + ... + 10 + 11
c	2 + 3 + ... + 9 + 10
d	0 + 1 + ... + 9 + 10
e	1 + 2 + ... + 8 + 9

3 What addition does this summation form represent?

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

a	1 + 2 + ... + 22 + 23
b	2 + 3 + ... + 23 + 24
c	1 + 2 + ... + 24 + 25
d	0 + 1 + ... + 23 + 24
e	1 + 2 + ... + 23 + 24

4 What addition does this summation form represent?

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

a	0 + 1 + ... + 21 + 22
b	1 + 2 + ... + 21 + 22
c	1 + 2 + ... + 20 + 21
d	1 + 2 + ... + 22 + 23
e	2 + 3 + ... + 21 + 22

5 What addition does this summation form represent?

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

a	1 + 2 + ... + 13 + 14
b	2 + 3 + ... + 13 + 14
c	1 + 2 + ... + 14 + 15
d	0 + 1 + ... + 13 + 14
e	1 + 2 + ... + 12 + 13

6 What addition does this summation form represent?

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

a	0 + 1 + ... + 7 + 8
b	2 + 3 + ... + 7 + 8
c	1 + 2 + ... + 6 + 7
d	1 + 2 + ... + 7 + 8
e	1 + 2 + ... + 8 + 9

7 What addition does this summation form represent?

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

a	2 + 3 + ... + 18 + 19
b	1 + 2 + ... + 17 + 18
c	1 + 2 + ... + 18 + 19
d	1 + 2 + ... + 19 + 20
e	0 + 1 + ... + 18 + 19