



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

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

1 What would describe the sum this summation form indicates?

$$\sum_{n=3}^9 n$$

- a** The sum of all integers from 3 to 8, inclusive
- b** The sum of all integers from 2 to 9, inclusive
- c** The sum of all integers from 3 to 10, inclusive
- d** The sum of all integers from 3 to 9, inclusive
- e** The sum of all integers from 4 to 9, inclusive

2 What would describe the sum this summation form indicates?

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

- a** The sum of all integers from 1 to 9, inclusive
- b** The sum of all integers from 2 to 8, inclusive
- c** The sum of all integers from 1 to 7, inclusive
- d** The sum of all integers from 0 to 8, inclusive
- e** The sum of all integers from 1 to 8, inclusive

3 What would describe the sum this summation form indicates?

$$\sum_{n=11}^{21} n$$

- a** The sum of all integers from 10 to 21, inclusive
- b** The sum of all integers from 11 to 22, inclusive
- c** The sum of all integers from 11 to 20, inclusive
- d** The sum of all integers from 12 to 21, inclusive
- e** The sum of all integers from 11 to 21, inclusive

4 What would describe the sum this summation form indicates?

$$\sum_{n=14}^{24} n$$

- a** The sum of all integers from 14 to 24, inclusive
- b** The sum of all integers from 14 to 23, inclusive
- c** The sum of all integers from 15 to 24, inclusive
- d** The sum of all integers from 13 to 24, inclusive
- e** The sum of all integers from 14 to 25, inclusive

5 What would describe the sum this summation form indicates?

$$\sum_{n=4}^{14} n$$

- a** The sum of all integers from 4 to 13, inclusive
- b** The sum of all integers from 3 to 14, inclusive
- c** The sum of all integers from 5 to 14, inclusive
- d** The sum of all integers from 4 to 14, inclusive
- e** The sum of all integers from 4 to 15, inclusive

6 What would describe the sum this summation form indicates?

$$\sum_{n=11}^{20} n$$

- a** The sum of all integers from 11 to 19, inclusive
- b** The sum of all integers from 11 to 20, inclusive
- c** The sum of all integers from 12 to 20, inclusive
- d** The sum of all integers from 10 to 20, inclusive
- e** The sum of all integers from 11 to 21, inclusive

7 What would describe the sum this summation form indicates?

$$\sum_{n=3}^{10} n$$

- a** The sum of all integers from 3 to 9, inclusive
- b** The sum of all integers from 3 to 11, inclusive
- c** The sum of all integers from 2 to 10, inclusive
- d** The sum of all integers from 4 to 10, inclusive
- e** The sum of all integers from 3 to 10, inclusive