



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 - Practice*'

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

1 What would describe the sum this summation form indicates?

$$\sum_{n=15}^{23} n$$

- a** The sum of all integers from 16 to 23, inclusive
- b** The sum of all integers from 15 to 22, inclusive
- c** The sum of all integers from 15 to 23, inclusive
- d** The sum of all integers from 14 to 23, inclusive
- e** The sum of all integers from 15 to 24, inclusive

2 What would describe the sum this summation form indicates?

$$\sum_{n=8}^{16} n$$

- a** The sum of all integers from 8 to 16, inclusive
- b** The sum of all integers from 7 to 16, inclusive
- c** The sum of all integers from 8 to 17, inclusive
- d** The sum of all integers from 9 to 16, inclusive
- e** The sum of all integers from 8 to 15, inclusive

3 What would describe the sum this summation form indicates?

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

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

4 What would describe the sum this summation form indicates?

$$\sum_{n=1}^{11} n$$

- a** The sum of all integers from 1 to 12, inclusive
- b** The sum of all integers from 0 to 11, inclusive
- c** The sum of all integers from 2 to 11, inclusive
- d** The sum of all integers from 1 to 11, inclusive
- e** The sum of all integers from 1 to 10, inclusive

5 What would describe the sum this summation form indicates?

$$\sum_{n=10}^{19} n$$

- a** The sum of all integers from 10 to 18, inclusive
- b** The sum of all integers from 10 to 20, inclusive
- c** The sum of all integers from 9 to 19, inclusive
- d** The sum of all integers from 11 to 19, inclusive
- e** The sum of all integers from 10 to 19, inclusive

6 What would describe the sum this summation form indicates?

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

- a** The sum of all integers from 10 to 15, inclusive
- b** The sum of all integers from 9 to 14, inclusive
- c** The sum of all integers from 9 to 16, inclusive
- d** The sum of all integers from 9 to 15, inclusive
- e** The sum of all integers from 8 to 15, inclusive

7 What would describe the sum this summation form indicates?

$$\sum_{n=16}^{22} n$$

- a** The sum of all integers from 16 to 22, inclusive
- b** The sum of all integers from 17 to 22, inclusive
- c** The sum of all integers from 16 to 23, inclusive
- d** The sum of all integers from 16 to 21, inclusive
- e** The sum of all integers from 15 to 22, inclusive