



Math worksheet on 'Sums - Series of Integers 1 to N - Summation Form to Text (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 would describe the sum this summation form indicates?

$$\sum_{n=1}^{21} n$$

- a** The sum of all integers from 1 to 20, inclusive
- b** The sum of all integers from 1 to 21, inclusive
- c** The sum of all integers from 2 to 21, inclusive
- d** The sum of all integers from 0 to 21, inclusive
- e** The sum of all integers from 1 to 22, inclusive

2 What would describe the sum this summation form indicates?

$$\sum_{n=1}^{20} n$$

- a** The sum of all integers from 1 to 21, inclusive
- b** The sum of all integers from 1 to 19, inclusive
- c** The sum of all integers from 2 to 20, inclusive
- d** The sum of all integers from 1 to 20, inclusive
- e** The sum of all integers from 0 to 20, inclusive

3 What would describe the sum this summation form indicates?

$$\sum_{n=1}^{18} n$$

- a** The sum of all integers from 2 to 18, inclusive
- b** The sum of all integers from 0 to 18, inclusive
- c** The sum of all integers from 1 to 17, inclusive
- d** The sum of all integers from 1 to 18, inclusive
- e** The sum of all integers from 1 to 19, inclusive

4 What would describe the sum this summation form indicates?

$$\sum_{n=1}^{23} n$$

- a** The sum of all integers from 1 to 23, inclusive
- b** The sum of all integers from 1 to 24, inclusive
- c** The sum of all integers from 0 to 23, inclusive
- d** The sum of all integers from 1 to 22, inclusive
- e** The sum of all integers from 2 to 23, inclusive

5 What would describe the sum this summation form indicates?

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

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

6 What would describe the sum this summation form indicates?

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

- a** The sum of all integers from 1 to 10, inclusive
- b** The sum of all integers from 1 to 11, inclusive
- c** The sum of all integers from 2 to 10, inclusive
- d** The sum of all integers from 1 to 9, inclusive
- e** The sum of all integers from 0 to 10, inclusive

7 What would describe the sum this summation form indicates?

$$\sum_{n=1}^{13} n$$

- a** The sum of all integers from 1 to 12, inclusive
- b** The sum of all integers from 1 to 14, inclusive
- c** The sum of all integers from 2 to 13, inclusive
- d** The sum of all integers from 0 to 13, inclusive
- e** The sum of all integers from 1 to 13, inclusive