# mobius

## Sums - Series of Integers M to N - Summation Form to Text

**1** What would describe the sum this summation form indicates?

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

- A The sum of all integers from 4 to 10, inclusive
- B The sum of all integers from 3 to 10, inclusive
- C The sum of all integers from 3 to 9, inclusive
- D The sum of all integers from 3 to 11, inclusive
- E The sum of all integers from 2 to 10, inclusive

**2** What would describe the sum this summation form indicates?

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

- A The sum of all integers from 12 to 20, inclusive
- B The sum of all integers from 11 to 20, inclusive
- C The sum of all integers from 11 to 19, inclusive
- D The sum of all integers from 10 to 20, inclusive
- E The sum of all integers from 11 to 21, inclusive

**3** What would describe the sum this summation form indicates?

$$\sum_{n=5}^{11} n$$

- A The sum of all integers from 5 to 10, inclusive
- B The sum of all integers from 5 to 11, inclusive
- C The sum of all integers from 4 to 11, inclusive
- D The sum of all integers from 5 to 12, inclusive
- E The sum of all integers from 6 to 11, inclusive

**4** What would describe the sum this summation form indicates?

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

- A The sum of all integers from 2 to 9, inclusive
- B The sum of all integers from 3 to 9, inclusive
- C The sum of all integers from 3 to 8, inclusive
- D The sum of all integers from 4 to 9, inclusive
- E The sum of all integers from 3 to 10, inclusive

**5** What would describe the sum this summation form indicates?

$$\sum_{n=6}^{11} n$$

- A The sum of all integers from 6 to 12, inclusive
- B The sum of all integers from 5 to 11, inclusive
- C The sum of all integers from 6 to 11, inclusive
- D The sum of all integers from 7 to 11, inclusive
- E The sum of all integers from 6 to 10, inclusive

**6** What would describe the sum this summation form indicates?

$$\sum_{n=9}^{18} n$$

- A The sum of all integers from 10 to 18, inclusive
- B The sum of all integers from 8 to 18, inclusive
- C The sum of all integers from 9 to 18, inclusive
- D The sum of all integers from 9 to 19, inclusive
- E The sum of all integers from 9 to 17, inclusive

**7** What would describe the sum this summation form indicates?

$$\sum_{n=16}^{21} n$$

- A The sum of all integers from 16 to 21, inclusive
- B The sum of all integers from 15 to 21, inclusive
- C The sum of all integers from 16 to 20, inclusive
- D The sum of all integers from 16 to 22, inclusive
- E The sum of all integers from 17 to 21, inclusive

**8** What would describe the sum this summation form indicates?

$$\sum_{n=14}^{21} n$$

- A The sum of all integers from 14 to 22, inclusive
- B The sum of all integers from 14 to 21, inclusive
- C The sum of all integers from 13 to 21, inclusive
- D The sum of all integers from 15 to 21, inclusive
- E The sum of all integers from 14 to 20, inclusive