



Class 10 Mathematics – Arithmetic Progressions Worksheet (Easy 4)

Name: _____

Date: _____

Q1. Find common difference: -2, 1, 4, 7...

Answer: $d = 3$.

Q2. Find 12th term of AP: 2, 6, 10...

Answer: 12th term = 46.

Q3. Write next three terms: 100, 90, 80...

Answer: 70, 60, 50

Q4. Find sum of first 7 terms of AP: 3, 6, 9...

Answer: Sum = 84.

Q5. Check whether 5, 5, 5, 5... is AP.

Answer: Yes, $d = 0$.

Q6. Find nth term formula of AP: 8, 12, 16...

Answer: $a_n = 8 + (n-1) \times 4$