



## Class 10 Mathematics – Arithmetic Progressions Worksheet (Easy 2)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Q1.** Find common difference of AP: 15, 12, 9, 6...

**Answer:**  $d = -3$ .

**Q2.** Write next three terms: 10, 20, 30...

**Answer:** 40, 50, 60

**Q3.** Find nth term formula for AP: 5, 8, 11...

**Answer:**  $a_n = 5 + (n-1) \times 3$

**Q4.** Find the 8th term of AP: 4, 7, 10...

**Answer:** 8th term = 25.

**Q5.** Find sum of first 6 terms of AP: 2, 4, 6...

**Answer:** Sum = 42.

**Q6.** Check whether 1, 2, 4, 8... is AP.

**Answer:** No, common difference is not same.