



Class 10 Mathematics – Arithmetic Progressions Worksheet (Medium 1)

Name: _____

Date: _____

Q1. Find the 20th term of AP: 7, 13, 19...

Answer: 20th term = 121.

Q2. Find number of terms in AP: 5, 10, 15...100.

Answer: 20 terms.

Q3. Find sum of first 20 terms of AP: 2, 5, 8...

Answer: Sum = 610.

Q4. Find which term of AP: 3, 7, 11... is 39.

Answer: 10th term.

Q5. Find sum of first 15 natural numbers.

Answer: Sum = 120.

Q6. Find nth term of AP: 9, 14, 19...

Answer: $a_n = 9 + (n-1) \times 5$