



Class 10 Mathematics – Arithmetic Progressions Worksheet (Medium 3)

Name: _____

Date: _____

Q1. Find the 18th term of AP: 11, 15, 19...

Answer: 18th term = 79.

Q2. Find sum of first 15 terms of AP: 5, 9, 13...

Answer: Sum = 495.

Q3. Find number of terms in AP: 7, 14, 21...140.

Answer: 20 terms.

Q4. Find which term of AP: 8, 12, 16... is 60.

Answer: 14th term.

Q5. Find sum of first 50 natural numbers.

Answer: Sum = 1275.

Q6. Find nth term formula of AP: 12, 18, 24...

Answer: $a_n = 12 + (n-1) \times 6$