NAME   CLASS

ARITHMETIC PROGRESSION

1. If a = 10 and d = 10, then first four terms will be:

   (a) 10, 30, 50, 60   (b) 10, 20, 30, 40   (c) 10, 15, 20, 25   (d) 10, 18, 20, 30

2. The first term and common difference for the A.P. 3, 1, -1, -3 is:

   (a) 1 and 3   (b) -1 and 3   (c) 3 and -2   (d) 2 and 3

3. 30th term of the A.P: 10, 7, 4, …, is

   (a) 97   (b)77   (c) -77   (d) -87

4. The missing terms in AP: __, 13, __, 3 are:

   (a) 11 and 9   (b) 17 and 9   (c) 18 and 8   (d) 18 and 9

5. Which term of the A.P. 3, 8, 13, 18, … is 78?

   (a) 12th (b) 13th (c) 15th (d) 16th

6. If 17th term of an A.P. exceeds its 10th term by 7. The common difference is:

   (a) 1   (b) 2   (c) 3   (d) 4

7. The number of multiples of 4 between 10 and 250 is:

   (a) 50   (b) 40   (c) 60   (d) 30

8. 20th term from the last term of the A.P. 3, 8, 13, …, 253 is:

   (a) 147   (b) 151   (c) 154   (d) 158

9. The sum of the first five multiples of 3 is:

   (a) 45   (b) 55   (c) 65   (d) 75

10. If the 2nd term of an AP is 13 and the 5th term is 25, then its 7th term is

   (a) 30   (b) 33   (c) 37   (d) 38

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