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) 12^{th} (b) 13^{th} (c) 15^{th} (d) 16^{th}

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

BHAWANA SHARMA

LIVEWORKSHEETS