

Pattern Puzzles – Pack 56

Puzzle 1. What comes next in the sequence?

3	18	6	28	9	38	?
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A) 48

B) 12

C) 19

D) 13

Puzzle 2. What comes next in the sequence?

7	11	14	18	21	25	28	?
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A) 35

B) 31

C) 30

D) 32

Puzzle 3. What comes next in the sequence?

17	13	26	21	35	29	?
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A) 45

B) 43

C) 44

D) 37

Puzzle 4. What comes next in the sequence?

7	19	30	42	53	65	76	?
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A) 87

B) 99

C) 88

D) 106

Puzzle 5. What comes next in the sequence?

12	27	50	81	120	167	?
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A) 263

B) 222

C) 230

D) 214

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Puzzle 6. What comes next in the sequence?

10	27	52	85	126	175	?
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- A) 224 B) 194 C) 232 D) 240

Puzzle 7. What number replaces the question mark in the grid?

4	12	36
1	3	9
1	3	?

- A) 6 B) 14 C) 12 D) 9

Puzzle 8. What number replaces the question mark in the grid?

2	4	8
4	12	36
3	6	?

- A) 9 B) 27 C) 8 D) 12

Puzzle 9. What number replaces the question mark in the grid?

2	6	18
3	9	27
2	6	?

- A) 16 B) 23 C) 18 D) 9

Puzzle 10. What comes next in the sequence?

1	5	17	53	161	485	?
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- A) 487 B) 1457 C) 1455 D) 1458

Answer Key

1. **B) 12**

Two interleaved series – odd: +3, even: +10.

6. **C) 232**

Sequence: 10, 27, 52, 85, 126, 175, ...

2. **D) 32**

Sequence: 7, 11, 14, 18, 21, 25, 28, ...

7. **D) 9**

Each row is a geometric sequence. Row 3 ratio: $\times 3$.

3. **C) 44**

Two interleaved series – odd: +9, even: +8.

8. **D) 12**

Each row is a geometric sequence. Row 3 ratio: $\times 2$.

4. **C) 88**

Sequence: 7, 19, 30, 42, 53, 65, 76, ...

9. **C) 18**

Each row is a geometric sequence. Row 3 ratio: $\times 3$.

5. **B) 222**

Sequence: 12, 27, 50, 81, 120, 167, ...

10. **B) 1457**

Sequence: 1, 5, 17, 53, 161, 485, ...