

Pattern Puzzles – Pack 41

Puzzle 1. What comes next in the sequence?

22	28	32	38	42	48	52	?
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A) 57	B) 58	C) 56	D) 62
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Puzzle 2. What comes next in the sequence?

3	11	15	23	27	35	39	?
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A) 43	B) 46	C) 47	D) 51
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Puzzle 3. What comes next in the sequence?

18	3	28	10	38	17	?
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A) 24	B) 45	C) 48	D) 49
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Puzzle 4. What comes next in the sequence?

10	15	13	25	16	35	?
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A) 26	B) 45	C) 20	D) 19
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Puzzle 5. What number replaces the question mark in the grid?

3	9	27
3	6	12
1	2	?

A) 1	B) 7	C) 6	D) 4
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Puzzle 6. What comes next in the sequence?

11	22	39	62	91	126	?
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- A) 173 B) 161 C) 147 D) 167

Puzzle 7. What comes next in the sequence?

6	9	11	12	16	15	?
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- A) 22 B) 21 C) 18 D) 19

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

2	6	18
1	2	4
1	3	?

- A) 4 B) 6 C) 9 D) 11

Puzzle 9. What comes next in the sequence?

11	14	24	27	37	40	50	?
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- A) 60 B) 63 C) 53 D) 52

Puzzle 10. What number replaces the question mark in the grid?

1	3	9
2	4	8
2	4	?

- A) 12 B) 5 C) 8 D) 6

Answer Key

1. **B) 58**

Sequence: 22, 28, 32, 38, 42, 48, 52, ...

6. **D) 167**

Sequence: 11, 22, 39, 62, 91, 126, ...

2. **C) 47**

Sequence: 3, 11, 15, 23, 27, 35, 39, ...

7. **B) 21**

Two interleaved series – odd: +5, even: +3.

3. **C) 48**

Two interleaved series – odd: +10, even: +7.

8. **C) 9**

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

4. **D) 19**

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

9. **C) 53**

Sequence: 11, 14, 24, 27, 37, 40, 50, ...

5. **D) 4**

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

10. **C) 8**

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