

Pattern Puzzles – Pack 59

Puzzle 1. What comes next in the sequence?

10	5	19	14	28	23	?
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A) 39	B) 37	C) 38	D) 32
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Puzzle 2. What number replaces the question mark in the grid?

4	8	16
2	4	8
1	3	?

A) 4	B) 6	C) 9	D) 10
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Puzzle 3. What comes next in the sequence?

20	4	28	9	36	14	?
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A) 19	B) 44	C) 45	D) 41
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Puzzle 4. What comes next in the sequence?

14	4	21	7	28	10	?
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A) 36	B) 31	C) 13	D) 35
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Puzzle 5. What comes next in the sequence?

2	6	6	11	10	16	?
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A) 21	B) 15	C) 16	D) 14
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Puzzle 6. What comes next in the sequence?

10	20	34	52	74	100	?
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- A) 133 B) 134 C) 126 D) 130

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

1	3	9
2	8	32
3	6	?

- A) 18 B) 48 C) 8 D) 12

Puzzle 8. What comes next in the sequence?

11	20	19	28	27	36	?
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- A) 44 B) 37 C) 35 D) 36

Puzzle 9. What comes next in the sequence?

12	23	29	40	46	57	63	?
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- A) 69 B) 80 C) 73 D) 74

Puzzle 10. What comes next in the sequence?

10	23	42	67	98	135	?
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- A) 171 B) 184 C) 178 D) 172

Answer Key

1. **B) 37**

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

6. **D) 130**

Sequence: 10, 20, 34, 52, 74, 100, ...

2. **C) 9**

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

7. **D) 12**

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

3. **B) 44**

Two interleaved series – odd: +8, even: +5.

8. **C) 35**

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

4. **D) 35**

Two interleaved series – odd: +7, even: +3.

9. **D) 74**

Sequence: 12, 23, 29, 40, 46, 57, 63, ...

5. **D) 14**

Two interleaved series – odd: +4, even: +5.

10. **C) 178**

Sequence: 10, 23, 42, 67, 98, 135, ...