

Pattern Puzzles – Pack 25

Puzzle 1. What comes next in the sequence?

8	21	40	65	96	133	?
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A) 170	B) 182	C) 143	D) 176
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Puzzle 2. What comes next in the sequence?

13	26	47	76	113	158	?
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A) 219	B) 203	C) 170	D) 211
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Puzzle 3. What number replaces the question mark in the grid?

4	8	16
4	8	16
3	6	?

A) 9	B) 12	C) 14	D) 8
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Puzzle 4. What comes next in the sequence?

15	26	34	45	53	64	72	?
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A) 91	B) 82	C) 80	D) 83
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Puzzle 5. What comes next in the sequence?

23	35	46	58	69	81	92	?
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A) 122	B) 103	C) 104	D) 115
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Puzzle 6. What comes next in the sequence?

9	2	13	11	17	20	?
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A) 21	B) 29	C) 22	D) 26
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Puzzle 7. What comes next in the sequence?

4	11	22	37	56	79	?
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A) 101	B) 110	C) 102	D) 106
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Puzzle 8. What comes next in the sequence?

9	26	51	84	125	174	?
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A) 223	B) 187	C) 239	D) 231
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Puzzle 9. What number replaces the question mark in the grid?

2	4	8
1	3	9
3	9	?

A) 27	B) 12	C) 23	D) 18
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Puzzle 10. What comes next in the sequence?

1	7	19	43	91	187	?
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A) 374	B) 192	C) 380	D) 379
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Answer Key

1. **D) 176**

Sequence: 8, 21, 40, 65, 96, 133, ...

6. **A) 21**

Two interleaved series – odd: +4, even: +9.

2. **D) 211**

Sequence: 13, 26, 47, 76, 113, 158, ...

7. **D) 106**

Sequence: 4, 11, 22, 37, 56, 79, ...

3. **B) 12**

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

8. **D) 231**

Sequence: 9, 26, 51, 84, 125, 174, ...

4. **D) 83**

Sequence: 15, 26, 34, 45, 53, 64, 72, ...

9. **A) 27**

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

5. **C) 104**

Sequence: 23, 35, 46, 58, 69, 81, 92, ...

10. **D) 379**

Sequence: 1, 7, 19, 43, 91, 187, ...