

Pattern Puzzles – Pack 55

Puzzle 1. What comes next in the sequence?

9 14 21 30 41 54 ?

- A) 67 B) 69 C) 71 D) 73

Puzzle 2. What comes next in the sequence?

12 22 38 60 88 122 ?

- A) 162 B) 156 C) 168 D) 188

Puzzle 3. What comes next in the sequence?

15 5 19 8 23 11 ?

- A) 27 B) 28 C) 14 D) 26

Puzzle 4. What comes next in the sequence?

9 13 19 20 29 27 ?

- A) 39 B) 40 C) 34 D) 36

Puzzle 5. What comes next in the sequence?

5 16 33 56 85 120 ?

- A) 161 B) 155 C) 167 D) 152

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Puzzle 6. What number replaces the question mark in the grid?

4	8	16
2	4	8
4	8	?

- A) 21 B) 10 C) 13 D) 16

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

4	8	16
3	12	48
4	12	?

- A) 36 B) 64 C) 24 D) 15

Puzzle 8. What comes next in the sequence?

18	21	30	33	42	45	54	?
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- A) 56 B) 63 C) 57 D) 66

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

3	9	27
1	3	9
2	4	?

- A) 6 B) 18 C) 12 D) 8

Puzzle 10. What comes next in the sequence?

8	15	21	28	34	41	47	?
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- A) 60 B) 48 C) 54 D) 53

Answer Key

1. **B) 69**
Sequence: 9, 14, 21, 30, 41, 54, ...
2. **A) 162**
Sequence: 12, 22, 38, 60, 88, 122, ...
3. **A) 27**
Two interleaved series – odd: +4, even: +3.
4. **A) 39**
Two interleaved series – odd: +10, even: +7.
5. **A) 161**
Sequence: 5, 16, 33, 56, 85, 120, ...
6. **D) 16**
Each row is a geometric sequence. Row 3 ratio: $\times 2$.
7. **A) 36**
Each row is a geometric sequence. Row 3 ratio: $\times 3$.
8. **C) 57**
Sequence: 18, 21, 30, 33, 42, 45, 54, ...
9. **D) 8**
Each row is a geometric sequence. Row 3 ratio: $\times 2$.
10. **C) 54**
Sequence: 8, 15, 21, 28, 34, 41, 47, ...