

Pattern Puzzles – Pack 26

Puzzle 1. What number replaces the question mark in the grid?

2	6	18
3	6	12
4	12	?

- A) 16
 B) 36
 C) 15
 D) 44

Puzzle 2. What comes next in the sequence?

3	15	18	30	33	45	48	?
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- A) 60
 B) 63
 C) 59
 D) 51

Puzzle 3. What number replaces the question mark in the grid?

1	2	4
2	8	32
4	12	?

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

Puzzle 4. What comes next in the sequence?

15	25	32	42	49	59	66	?
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- A) 75
 B) 76
 C) 83
 D) 73

Puzzle 5. What comes next in the sequence?

10	19	20	29	30	39	?
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- A) 41
 B) 49
 C) 40
 D) 34

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Puzzle 6. What comes next in the sequence?

4	14	8	24	12	34	?
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A) 17	B) 16	C) 22	D) 44
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Puzzle 7. What comes next in the sequence?

17	22	33	38	49	54	65	?
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A) 69	B) 81	C) 76	D) 70
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Puzzle 8. What number replaces the question mark in the grid?

1	2	4
4	16	64
2	6	?

A) 18	B) 9	C) 32	D) 12
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Puzzle 9. What number replaces the question mark in the grid?

4	12	36
3	9	27
4	12	?

A) 35	B) 33	C) 36	D) 15
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Puzzle 10. What comes next in the sequence?

17	3	20	13	23	23	?
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A) 32	B) 27	C) 33	D) 26
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Answer Key

1. **B) 36**

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

6. **B) 16**

Two interleaved series – odd: $+4$, even: $+10$.

2. **A) 60**

Sequence: 3, 15, 18, 30, 33, 45, 48, ...

7. **D) 70**

Sequence: 17, 22, 33, 38, 49, 54, 65, ...

3. **C) 36**

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

8. **A) 18**

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

4. **B) 76**

Sequence: 15, 25, 32, 42, 49, 59, 66, ...

9. **C) 36**

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

5. **C) 40**

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

10. **D) 26**

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