

Pattern Puzzles – Pack 53

Puzzle 1. What comes next in the sequence?

9	16	22	29	35	42	48	?
---	----	----	----	----	----	----	---

- | | | | |
|-------|-------|-------|-------|
| A) 54 | B) 55 | C) 61 | D) 65 |
|-------|-------|-------|-------|

Puzzle 2. What comes next in the sequence?

9	17	27	39	53	69	?
---	----	----	----	----	----	---

- | | | | |
|-------|-------|-------|-------|
| A) 87 | B) 85 | C) 72 | D) 89 |
|-------|-------|-------|-------|

Puzzle 3. What comes next in the sequence?

19	24	35	40	51	56	67	?
----	----	----	----	----	----	----	---

- | | | | |
|-------|-------|-------|-------|
| A) 72 | B) 78 | C) 71 | D) 83 |
|-------|-------|-------|-------|

Puzzle 4. What comes next in the sequence?

10	12	16	16	22	20	?
----	----	----	----	----	----	---

- | | | | |
|-------|-------|-------|-------|
| A) 26 | B) 28 | C) 29 | D) 24 |
|-------|-------|-------|-------|

Puzzle 5. What comes next in the sequence?

10	14	13	17	16	20	?
----	----	----	----	----	----	---

- | | | | |
|-------|-------|-------|-------|
| A) 23 | B) 15 | C) 20 | D) 19 |
|-------|-------|-------|-------|

Pattern Puzzles – Pack 53

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

1	3	9
4	8	16
4	12	?

- A) 36
 B) 39
 C) 15
 D) 16

Puzzle 7. What comes next in the sequence?

4	12	9	15	14	18	?
---	----	---	----	----	----	---

- A) 21
 B) 17
 C) 19
 D) 20

Puzzle 8. What comes next in the sequence?

6	18	42	90	186	378	?
---	----	----	----	-----	-----	---

- A) 763
 B) 762
 C) 756
 D) 384

Puzzle 9. What comes next in the sequence?

29	39	43	53	57	67	71	?
----	----	----	----	----	----	----	---

- A) 80
 B) 81
 C) 85
 D) 75

Puzzle 10. What comes next in the sequence?

18	26	37	45	56	64	75	?
----	----	----	----	----	----	----	---

- A) 94
 B) 86
 C) 82
 D) 83

Answer Key

1. **B) 55**

Sequence: 9, 16, 22, 29, 35, 42, 48, ...

2. **A) 87**

Sequence: 9, 17, 27, 39, 53, 69, ...

3. **A) 72**

Sequence: 19, 24, 35, 40, 51, 56, 67, ...

4. **B) 28**

Two interleaved series – odd: +6, even: +4.

5. **D) 19**

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

6. **A) 36**

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

7. **C) 19**

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

8. **B) 762**

Sequence: 6, 18, 42, 90, 186, 378, ...

9. **B) 81**

Sequence: 29, 39, 43, 53, 57, 67, 71, ...

10. **D) 83**

Sequence: 18, 26, 37, 45, 56, 64, 75, ...