

Pattern Puzzles – Pack 5

Puzzle 1. What comes next in the sequence?

4	16	20	32	36	48	52	?
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A) 68	B) 56	C) 64	D) 63
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Puzzle 2. What comes next in the sequence?

1	10	37	118	361	1090	?
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A) 1097	B) 3270	C) 3278	D) 3277
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Puzzle 3. What comes next in the sequence?

15	31	55	87	127	175	?
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A) 231	B) 223	C) 239	D) 192
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Puzzle 4. What comes next in the sequence?

1	8	27	64	125	?
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A) 180	B) 252	C) 216	D) 343
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Puzzle 5. What comes next in the sequence?

9	16	25	36	49	64	?
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A) 81	B) 92	C) 83	D) 79
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Puzzle 6. What comes next in the sequence?

6	21	66	201	606	1821	?
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A) 5463

B) 1824

C) 5466

D) 5467

Puzzle 7. What comes next in the sequence?

216	343	512	729	1000	?
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A) 1728

B) 1331

C) 1452

D) 1210

Puzzle 8. What comes next in the sequence?

6	22	70	214	646	1942	?
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A) 1946

B) 5830

C) 5826

D) 5831

Puzzle 9. What comes next in the sequence?

4	13	14	21	24	29	?
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A) 34

B) 37

C) 32

D) 35

Puzzle 10. What comes next in the sequence?

8	15	26	41	60	83	?
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A) 106

B) 89

C) 114

D) 110

Answer Key

1. **C) 64**
Sequence: 4, 16, 20, 32, 36, 48, 52, ...
2. **D) 3277**
Sequence: 1, 10, 37, 118, 361, 1090, ...
3. **A) 231**
Sequence: 15, 31, 55, 87, 127, 175, ...
4. **C) 216**
Sequence: 1, 8, 27, 64, 125, ... Cube roots: 1, 2, ...
5. **A) 81**
Sequence: 9, 16, 25, 36, 49, 64, ...
6. **C) 5466**
Sequence: 6, 21, 66, 201, 606, 1821, ...
7. **B) 1331**
Sequence: 216, 343, 512, 729, 1000, ... Cube roots: 6, 7, ...
8. **B) 5830**
Sequence: 6, 22, 70, 214, 646, 1942, ...
9. **A) 34**
Two interleaved series – odd: +10, even: +8.
10. **D) 110**
Sequence: 8, 15, 26, 41, 60, 83, ...