

The background of the slide is a dense, overlapping field of three-dimensional numbers in various sizes and orientations, creating a textured, almost abstract pattern. The numbers are rendered in a light blue or white color with soft shadows, giving them a tangible, blocky appearance.

HOW TO SOLVE NUMBER SERIES

By Rahul Agrahari

QUESTION

❖ Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?

bc_b_c_b_ccb

1. cbcb

2. bbcb

3. cbbc

4. bc bc

❖ _qr_srq_p_rs_r_p

1. pqrsss

2. qprsss

3. pspqsq

4. pspqqq

EXPLANATION

❖ **Correct Ans:**cbcb

The series is,
bccb/bccb/bccb.

❖ **Correct Ans:**pspqsq

The correct sequence is pqrs/srqp/pqrs/srqp.
And the pattern is pqrs and srqp.

NUMBER SERIES

Missing Number Series

1 – 1, 3, 7, 13, 21, 31, ?

2 – 5, 5, 7.5, ?, 37.5, 112.5

3 – 15, 19, 28, ?, 69, 105

EXPLANATION

- 43
- $5 \times 1 = 5$
 $5 \times 1.5 = 7.5$
 $7.5 \times 2 = 15$
 $15 \times 2.5 = 37.5$
 $37.5 \times 3 = 112.5$
- $15 + 2^2 = 19$
 $19 + 3^2 = 28$
 $28 + 4^2 = 44$
 $44 + 5^2 = 69$
 $69 + 6^2 = 105$

WRONG ONE OUT

In the following series, find which of the given number is wrong and does not follow the pattern:

- 564, 282, 140, 70.5, 35.25
- 633, 624, 598, 534, 409, 193
- 17, 85, 425, 2115, 10625, 53125

EXPLANATION

❖ Ans :- 140

❖ Solution: $564/2 = 282$

$$282/2 = 141$$

$$141/2 = 70.5$$

$$70.5/2 = 35.25$$

❖ Ans:- 624

❖ Solution: $633 - 2^3 = 625$

$$625 - 3^3 = 598$$

$$598 - 4^3 = 534$$

$$534 - 5^3 = 409$$

$$409 - 6^3 = 193$$

❖ Ans:- 2115

❖ Solution: $17 \times 5 = 85$

$$85 \times 5 = 425$$

$$425 \times 5 = 2125$$

$$2125 \times 5 = 10625$$

$$10625 \times 5 = 53125$$

QUESTIONS

1 – 88, 87, 89, 80, 144,?

2 – 1, 3, 10, 36, 152, 1770,?

3 – 4, 18, 48, 100, 180,?

QUESTIONS

1 – 17 16 14 12 11 8 8 ?

2 – 1 3 2 6 3 11 4 18 5 ?

EXPLANATION

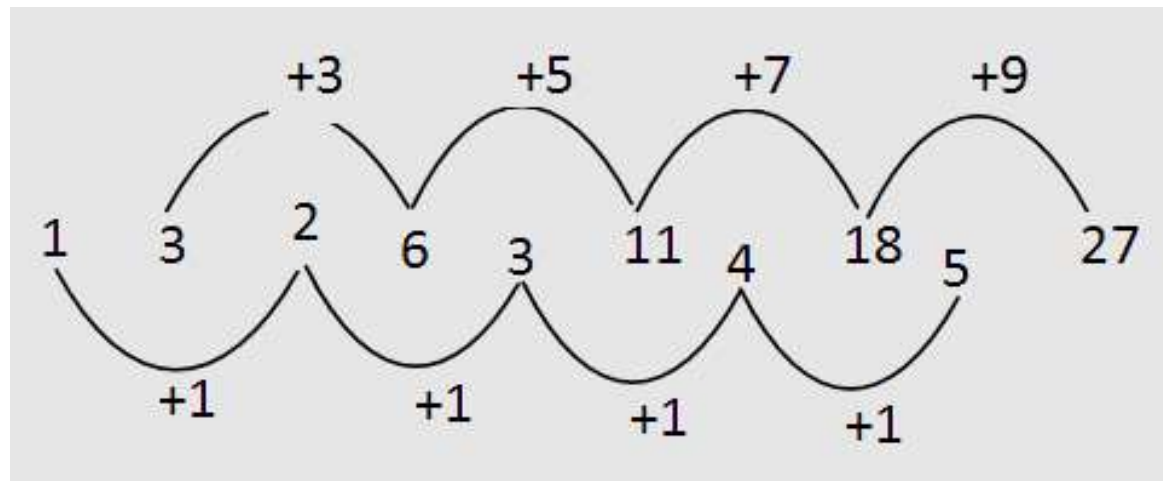
- There are two series:

1st : 17 14 11 8 and 2nd: 16 12 8 ?

In first series, -3 , -3 , -3.....

and in 2nd series , -4 , -4 , -4....

Therefore, next term will be $8 - 4 = 4$.



QUESTION

❖ 0 3/4 8/9 15/16 24/25 ?

A) 29/28

B) 33/32

C) 35/36

D) 37/38

EXPLANATION

The correct answer is $35/36$ (C)

The series in this question follows the pattern:

1- $1/n^2$, $n = 1/1, 1/2, 1/3, 1/4...$

QUESTION

What will be come in place of question mark ?

7, 20, 46, 98, 202,?

QUESTION

What will be come in place of question mark?
210, 209, 213, 186, 202, ?

QUESTION

What will be come in place of question mark ?

0, 10, - 24, 68, ?

QUESTION

What will be come in place of question mark ?

27, 38, 71, 126, 203, ?

QUESTION

What will be come in place of question mark ?

4, 200, 369, 513, 634, ?

QUESTION

What will be come in place of question mark ?

62, 87, 187, 412, 812, ?

QUESTION

What will be come in place of question mark ?

39, 52, 78, 117, 169, ?

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**What will be come in place of question mark
2, 3, 6, 15, -?- ,157.5, 630**

*Thank
you*

