



CSAT

REASONING



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SERIES

• NUMERICAL & LETTER

2/3 Questions.

TYPES OF SERIES



Numbers → Letter Series.

- ① आरोही
- ② अवरोही

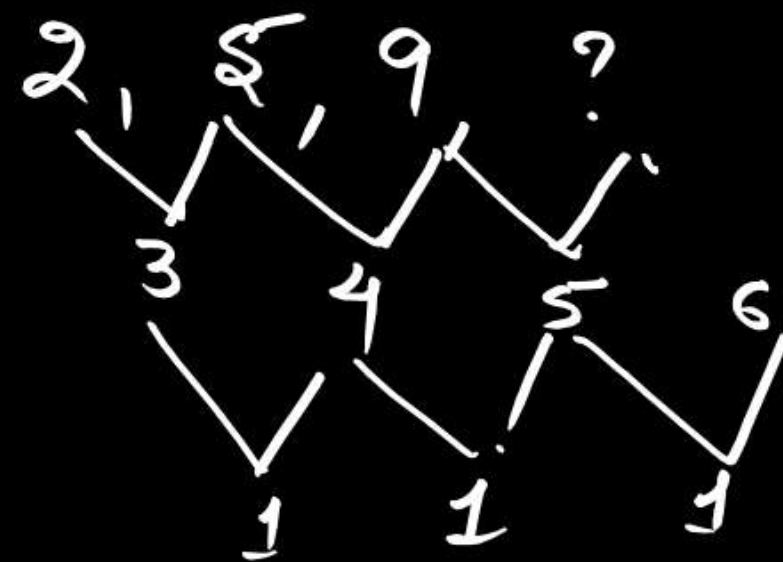
Trick

1. Diff

2. Double Diff.

③ Diff + Prime no Gap.

④ Diff + m.o. (+, -, ×, ÷, x^2 , x^3)



Q.1 0, 6, 24, 60, 120, 210, ? 336

a) 240

6 18 36 60 90 126

b) 290

12 18 24 30 36

c) 504

d) 336

Q.2 589654237, 89654237, 8965423, 965423, ?

a) 58965

b) 65423

c) 89654

d) 96542 ✓

96542

Q.3 2, 7, 27, 107, 427, ?

1707

a) 1572

b) 1707 ✓

c) 1865

d) 1654



Q.4

11, 10, 101?, 100, 1001, 1000, 10001

-1 $(\times 10 + 1)$ -1 $(\times 10 + 1)$ (-1) $(\times 10 + 1)$

a) 121

b) 101

c) 111

d) 132

Q.5 1, 3, 8, 19, 36, ? (59)

a) 52

b) 47

c) 59 ✓

d) 41



Q.6 8, 4, 4, 6, 12, 30, ? 90

$\times 0.5$ $\times 1$ $\times 1.5$ $\times 2$ $\times 2.5$ $\times 3$

a) 45

b) 87

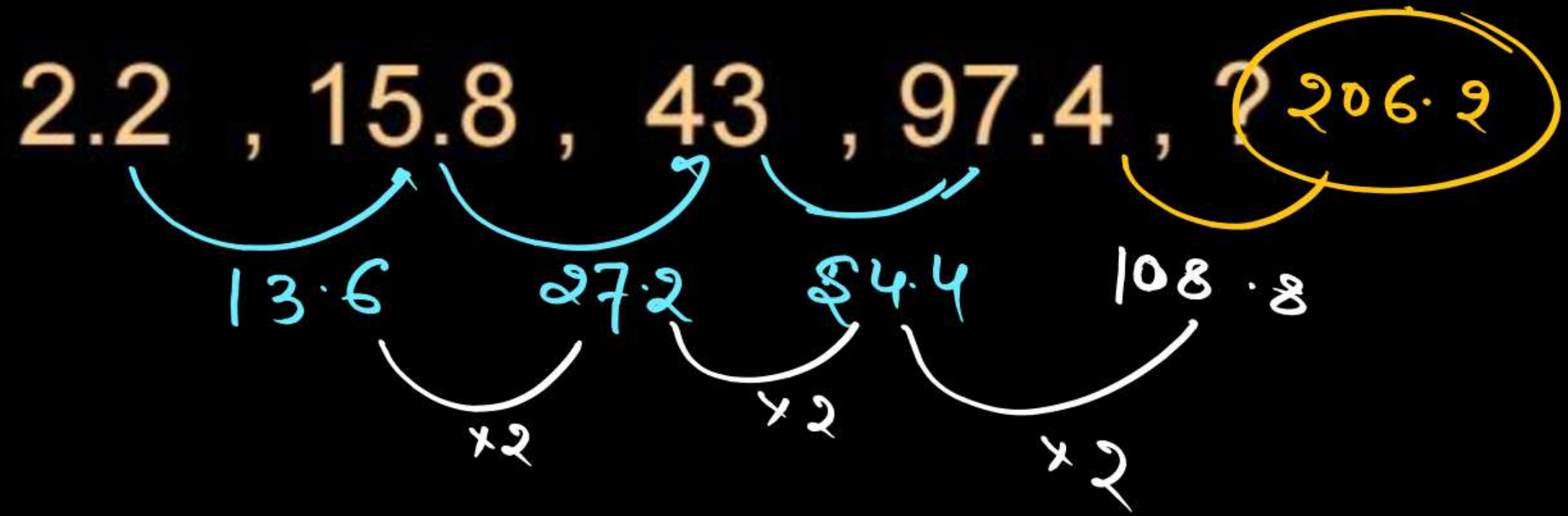
c) 59

d) 90



Diff + ($\times$ or $\div$)
↓
Decimal (Cap)

Q.7



a) 202

b) 206.4

c) 206.2 ✓

d) 108.8

$$\begin{array}{r} 108.8 \\ + 97.4 \\ \hline 206.2 \end{array}$$

668

Q.8 679 , ? , 635 , 580 , 503 , 404

-11 -33 -55 -77 -99

a) 628

b) 668

c) 876

d) 580



LETTER SERIES

Q.1 A, D, I, P, ?

3 5 7 9

a) W

b) X

c) Y

d) U



Q.2 ABD , CDF , EFH , GHJ , ???

Diagram illustrating the pattern of letter sequences: ABD, CDF, EFH, GHJ, and a missing sequence. The pattern shows a consistent jump of +2 in the alphabet for each letter in the sequence.

- a) IJL ✓
- b) KLM ✗
- c) HIK ✗
- d) IJK ✗



- a) IJK
- b) IJQ
- c) IRJ
- d) IJR ✓

Q.4 JAK, KBL, LCM, MDN , ???

N E

a)NAD

b)NEO

c)MEO

d)NOP

Q.5 2W3, 1S9, 1Q7, ?, 1K1

Handwritten annotations:
- Above '23' in '2W3': 23
- Above '19' in '1S9': 19
- Above '17' in '1Q7': 17
- Above '1' in '?': 1
- Above '3' in '?': 3
- Above '11' in '1K1': 11
- An arrow points from '23' to 'Prime no'
- A yellow circle is drawn around '3' in '2W3'
- A yellow circle is drawn around '9' in '1S9'
- A yellow circle is drawn around '7' in '1Q7'
- A yellow circle is drawn around '?'
- A yellow circle is drawn around '1' in '1K1'
- A yellow circle is drawn around '1' in '1K1'
- A yellow circle is drawn around '3' in '1K1'
- A yellow circle is drawn around '1' in '1K1'

a) 1R8

b) 1M3 ✓

c) 1O5

d) 2T0

Q.6 A26 , E22 , ??? , O12 , U6

a) L15 ~~x~~

B) I18 ✓

C) I21

D) R18 ~~x~~

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