

**SERIES - SHRIKANT
KAUSHIK-25/08/2025**

Special class

1. Series → (1. missing numbers)
2. wrong numbers.

2 4 6

2. Writing & De wude

CAT

3 . Blood Relations .

LQDI

4 Input|Output

Yomis

5 'Clocks'.

1

6. Calendar

Spuzzles

7. Puzzles

Every topic

8 Syllogism

210 - 300 Questions

9. Connectives

$$\begin{array}{r} 144 \quad 196 \quad 256 \quad 324 \quad 400 \quad 484 \\ 12^2 \quad 14^2 \quad 16^2 \quad 18^2 \quad 20^2 \quad 22^2 \\ \hline & & & & & 576 \\ & & & & & 24^2 \end{array}$$

No formula

Pattern

27

125

343

729

3^3

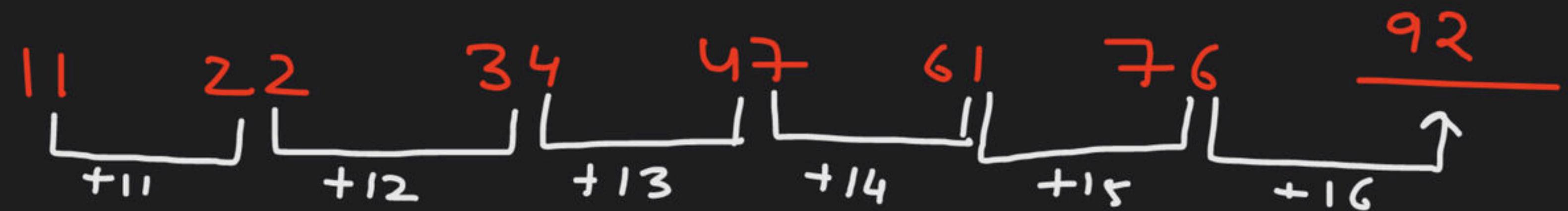
5^3

7^3

9^3

1331

11^3



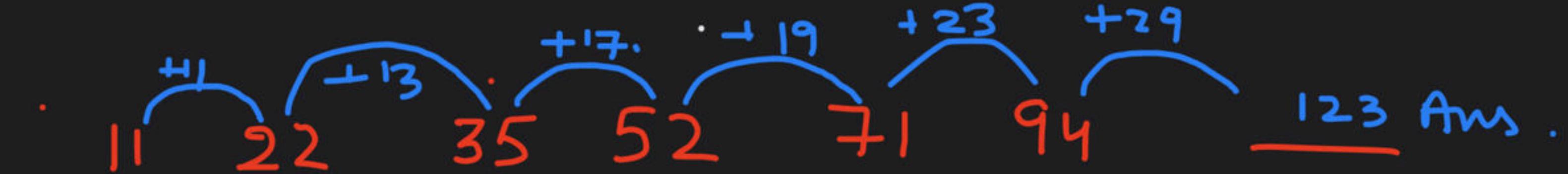
84

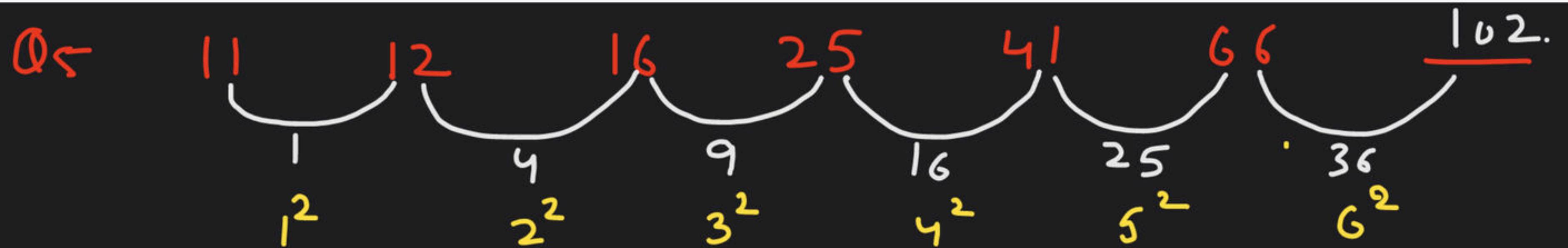
4 123

B 115

C 129

D 117





A 92

B 94

C 106

D 102

$$\begin{array}{r} \textcircled{0} \\ \textcircled{6} \\ \hline \end{array} = \begin{array}{r} 11 \\ 12 \\ 20. \\ 47 \\ 111 \\ \hline 230 \end{array}$$

Diagram illustrating the long division of 11 by 230:

- Step 1: 11 < 230, so we add a decimal point and a zero to get 110.
- Step 2: 110 < 230, so we add another zero to get 1100.
- Step 3: 1100 > 230, so we can subtract 230 from 1100. This gives us a remainder of 120. We bring down the next 0 to get 1200.
- Step 4: 1200 > 230, so we can subtract 230 from 1200. This gives us a remainder of 120. We bring down the next 0 to get 1200.
- Step 5: 1200 > 230, so we can subtract 230 from 1200. This gives us a remainder of 120. At this point, the remainder is repeating, indicating a repeating decimal.

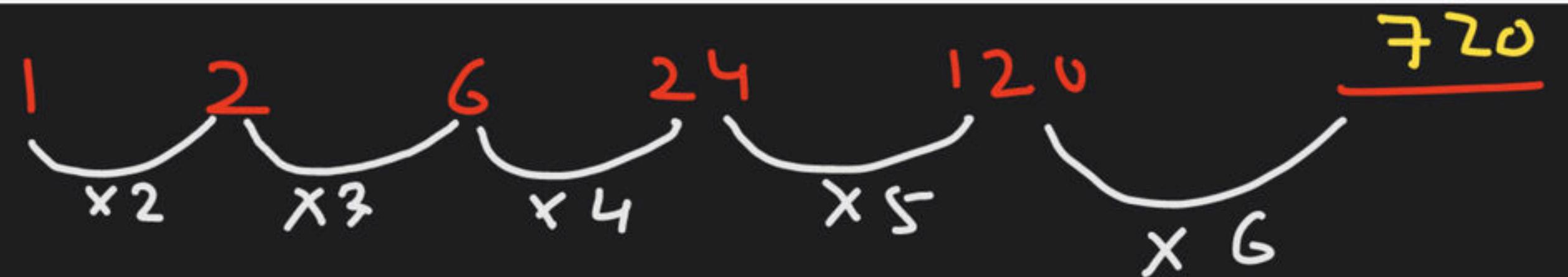
A 222

B 214

C 230

D 244

$\alpha \geq$



A 680

B 720

C 780

D 560

Q8

$$\begin{array}{r} 1 \\ 2 \\ 6 \\ \times 2 \\ \hline 30 \\ \times 3 \\ \hline 210 \\ \times 5 \\ \hline 105 \\ \times 7 \\ \hline 735 \\ \times 11 \\ \hline 2310 \end{array}$$

1

2, 3, 5, 7, 11

are prime numbers

1 min

(1890) ✕

Q9

$$36 \xrightarrow{x0.5} 18 \xrightarrow{x1} 18 \xrightarrow{x1.5} 27 \xrightarrow{x2} 54 \xrightarrow{x2.5} 135 \xrightarrow{x3} 405$$

Q10

$$1 \xrightarrow{+1} 2 \xrightarrow{+4} 6 \xrightarrow{+15} 21 \xrightarrow{+67} 88 \xrightarrow{x5+5} \underline{445}$$

Q11. 100 144 196 225 256 324 400 $\underline{441}$

10^2 12^2 14^2 15^2 16^2 18^2 20^2 21^2

10

Composite \rightarrow More than 2 factors.

Prime \rightarrow 2 factors

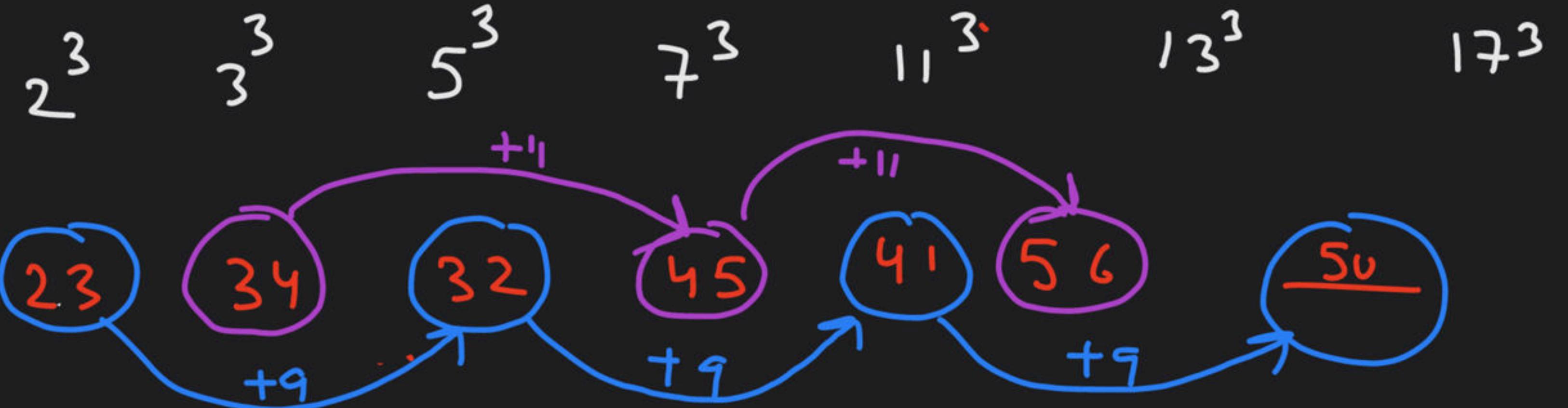
484 \times

441 ✓

. Pattern [games]

59 → 53 → 47 → 43 → 41 → 37 → 31 → (29)

8 → 27 → 125 → 343 → 1331 → 2197 → 4913



Ans. A
 $(50, 62, 75, 54, 53, 72)$

Alternate Series

α

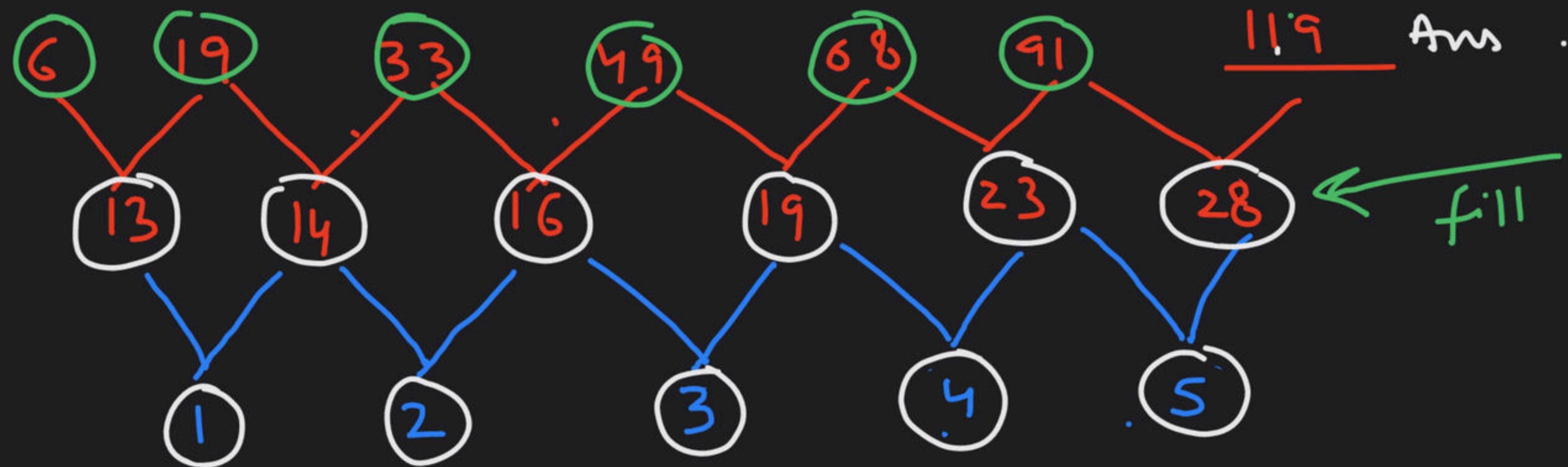
$$\begin{array}{ccccccccc}
 & 22 & 36 & 64 & 106 & 162 & & \\
 & \swarrow & \searrow & \swarrow & \searrow & \swarrow & & \\
 14 & & 28 & 42 & 56 & 70 & & \\
 14 \times 1 & 14 \times 2 & 14 \times 3 & 14 \times 4 & 14 \times 5 & & & \\
 \end{array}$$

$$\frac{232}{}$$

Ques

$$\begin{array}{ccccccccc}
 & 2 & 363 & 652 & 877 & 1046 & 1167 & 1248 & \\
 & \downarrow \\
 361 & 289 & 225 & 169 & 121 & 112 & 81 & \\
 19^2 & 17^2 & 15^2 & 13^2 & & & & 9^2
 \end{array}$$

$$\left(1248, 1288, 1227 \right)$$



$$(91, 119, (116, 113))$$

$$\begin{array}{r}
 91 \\
 + 28 \\
 \hline
 119
 \end{array}$$

Ques

CHOCOLATE

PROBLEM

$$1+7=8$$

$$2+5=7$$

$$3+2=5$$

$$3+x=10$$

$$4+y=11$$

17

25

32

37

47

58 Ans.

$$+8$$

$$+7$$

$$+5$$

$$+10$$

$$+11$$

(55, 58, 62, 54, 50, 49, 67, 51)











