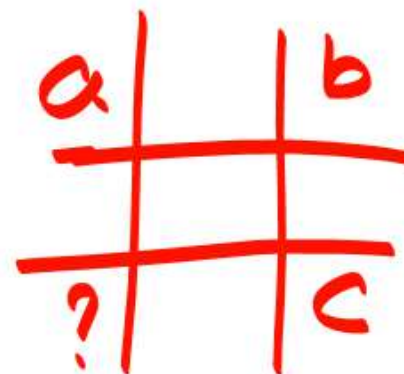
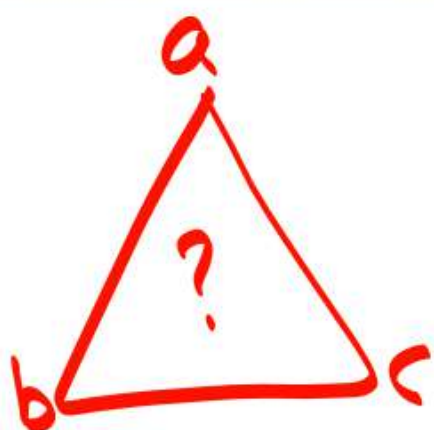




Missing Number ✓

11	7	17
9	5	?
7	3	13

Relation Between 3 or more number

❖ MORE THAN 3 NUMBERS

□ (A, B, C, D, E)

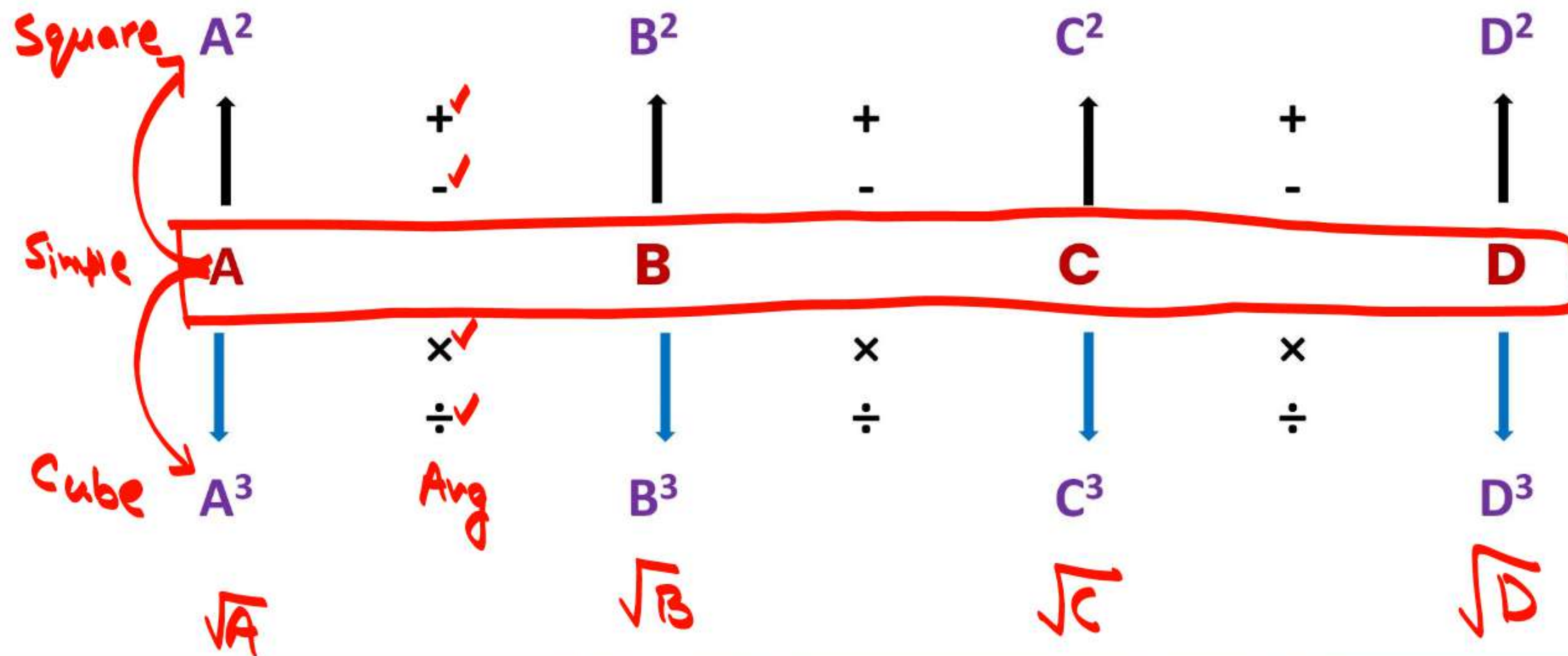
□ A - B - C - D

□ A : B : C : D

$$A + C = B \times D$$

$$A \times C = B + D$$

$$A \times C = B \times D$$



question

1

13
↖

108

11

26

55

9
81

$$81 - 26 = 55$$

? ✓

157

14
196

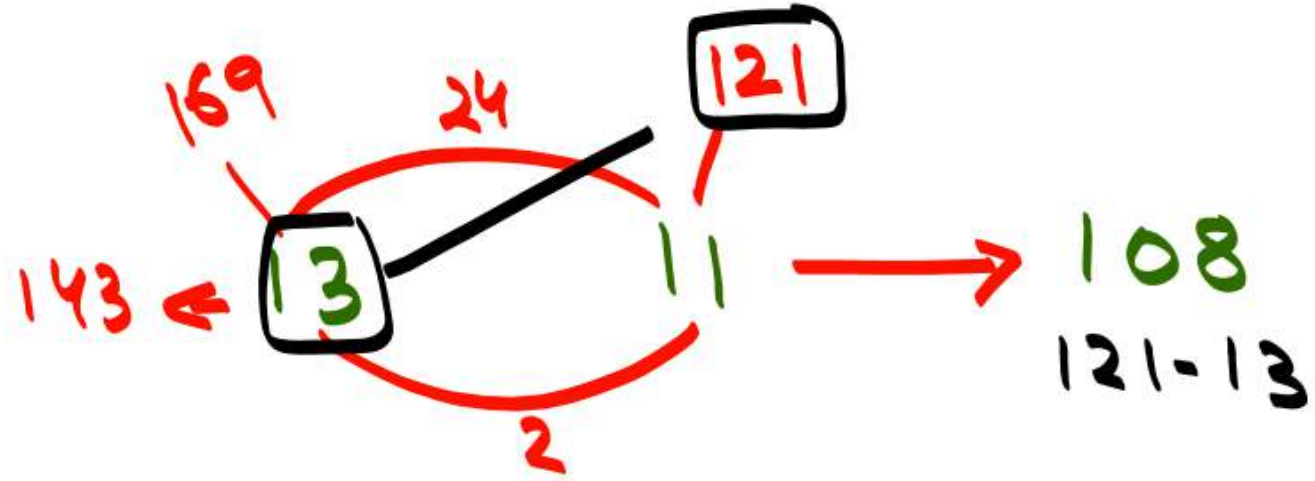
$$196 - x = 157$$

[A] 32

[C] 72

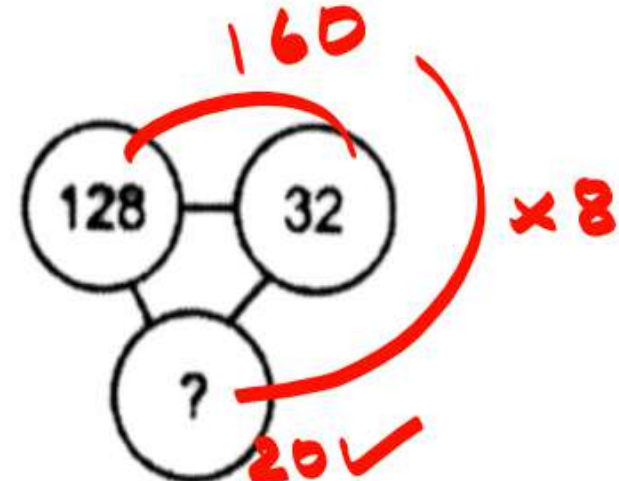
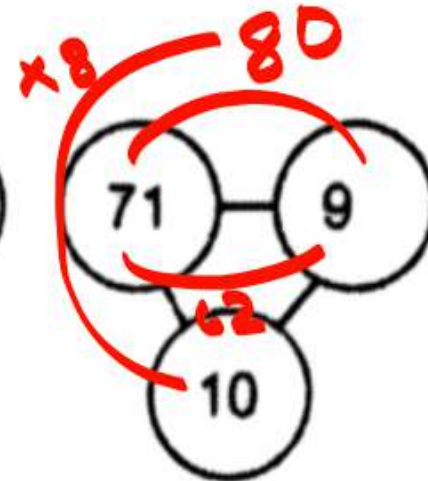
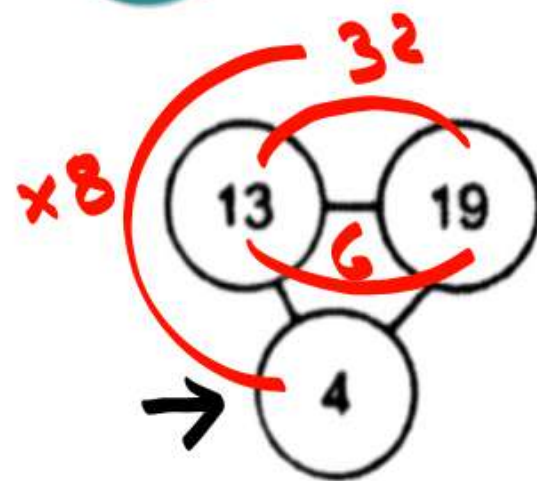
✓ [B] 39

[D] 52



question

2



[A] 16

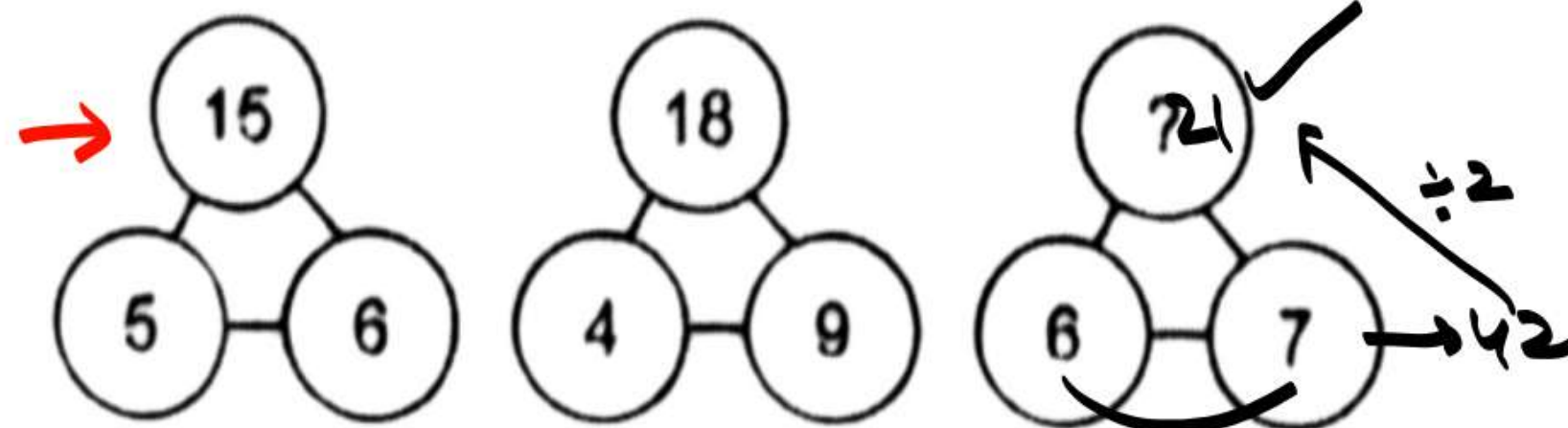
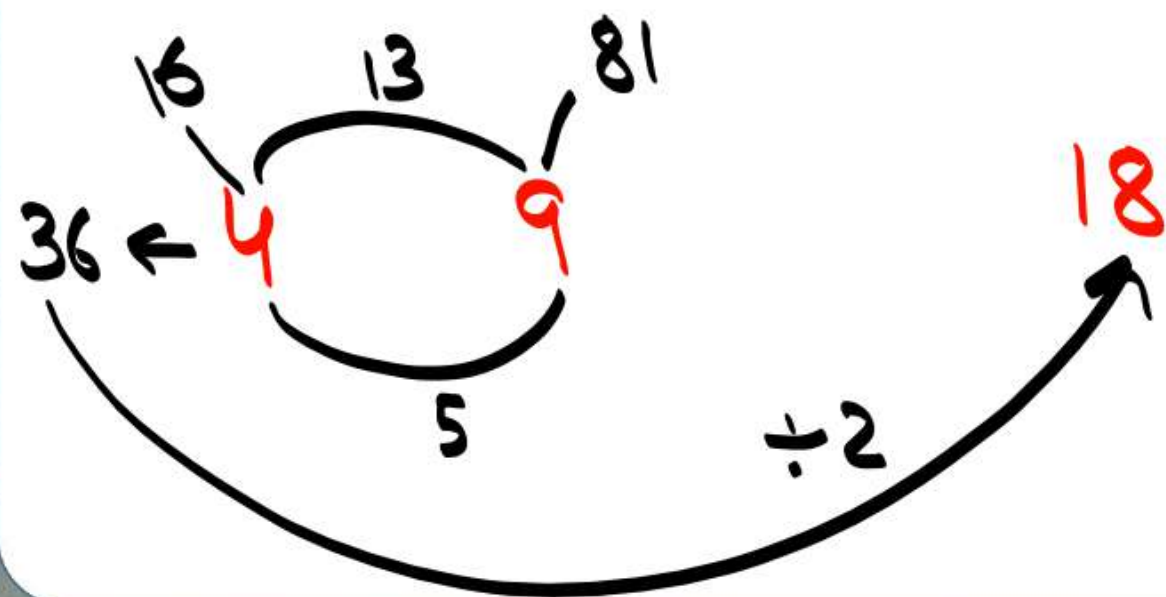
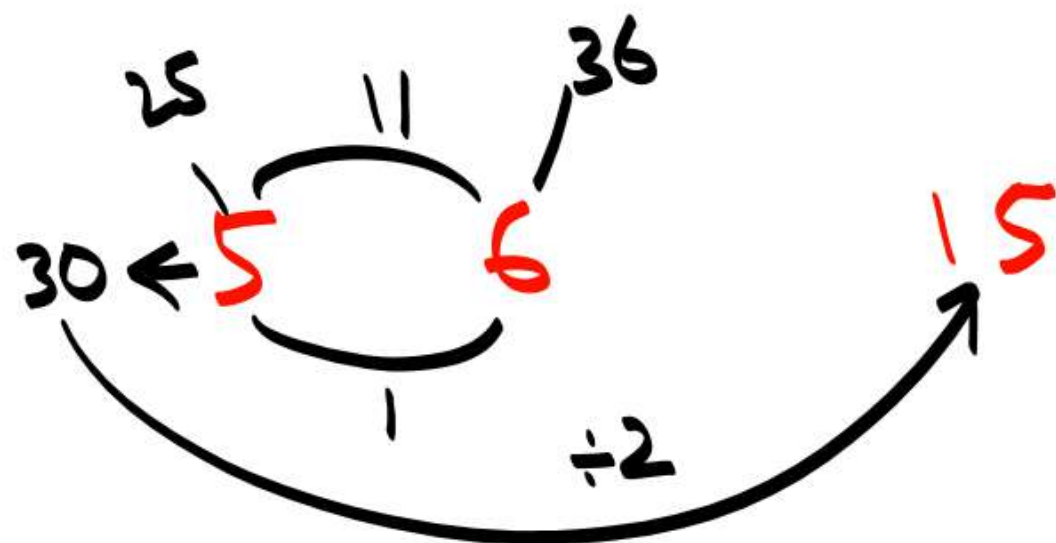
[C] 12

[B] 26

☒ [D] 20

question

3



[A] 15

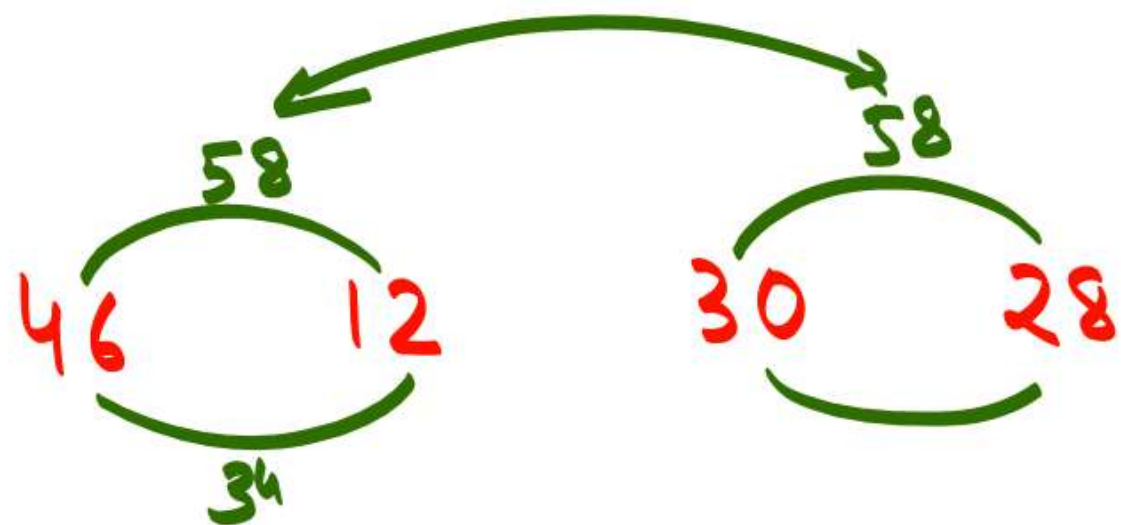
[C] 22

☒ [B] 21

[D] 23

question

4



A	B	C	D
---	---	---	---

$$A+B = C+D$$

	↓	↓	↓	↓
→	46	12	30	28
→	32	16	18	30
→	54	10	29	35

Handwritten calculations below the table:

- $46 + 12 = 58$ (arc)
- $30 + 28 = 58$ (arc)
- $32 + 16 = 48$ (arc)
- $18 + 30 = 48$ (arc)
- $54 + 10 = 64$ (arc)
- $29 + 35 = 64$ (arc)

[A] 20

[C] 22

☒ [B] 18

[D] 16

$$A+C = B+D$$

$$A \times C = D - B$$

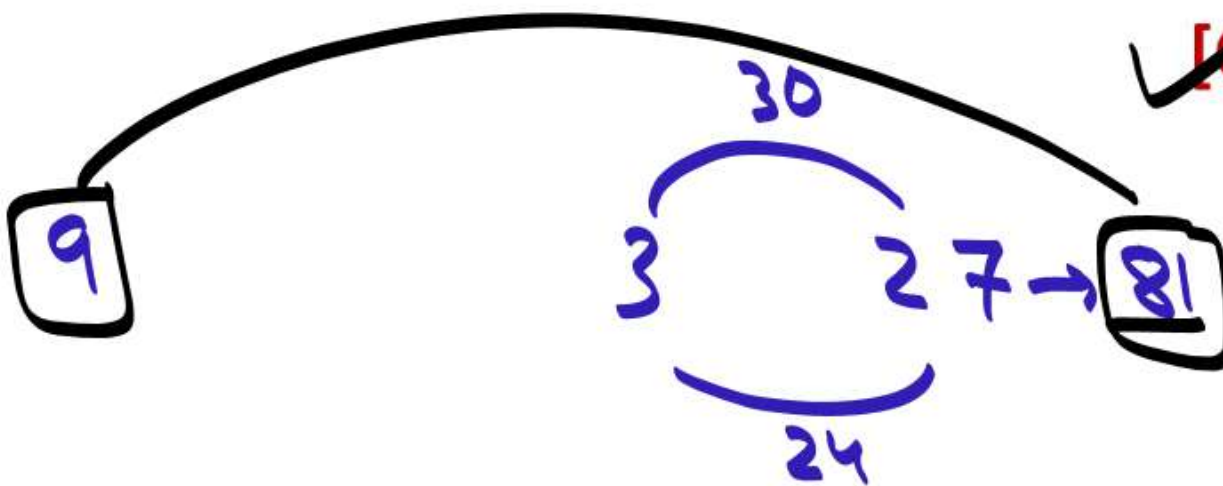
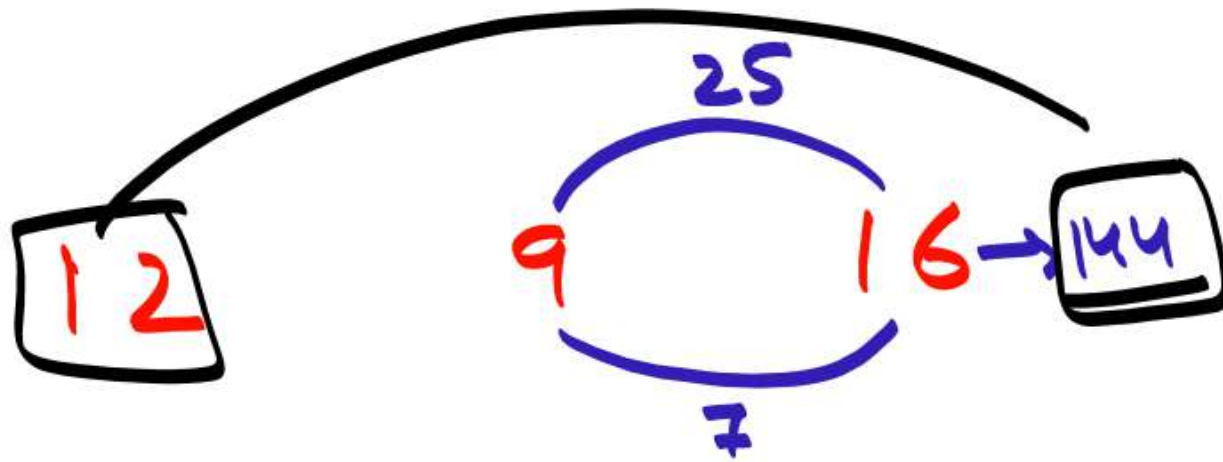
$$A \times D = B + C$$

$$A - D = B \times C$$



question

5



[A] 8

[C] 7

	108	144	
→	12	9	16
→	9	3	27
→	14	7?	28

3x3

[B] 9

[D] 11

A	B	C
---	---	---

$$\sqrt{B \times C} = A$$

$$\begin{aligned}
 &= \sqrt{7 \times 28} \\
 &= \sqrt{14 \times 14} \\
 &= 14 \checkmark
 \end{aligned}$$

B का मान ज्ञात कीजिये ?

multiple →

7	21	84	420
15	45	A	B

$$\begin{array}{ccc} 7 & 22 & 89 \end{array}$$

$\xrightarrow{\times 3 + 1}$ $\xrightarrow{\times 4 + 1}$ ✓

[A] 720

[B] 850

✓ [C] 900

[D] 950

question

7

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array} + 55 \rightarrow 97$$

7	9	8
97	73	64
6	7	2
55	10	48

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array} \rightarrow 97$$

[A] 2

[B] 5

[C] 4

[D] 3

$$a \times c = b - d$$

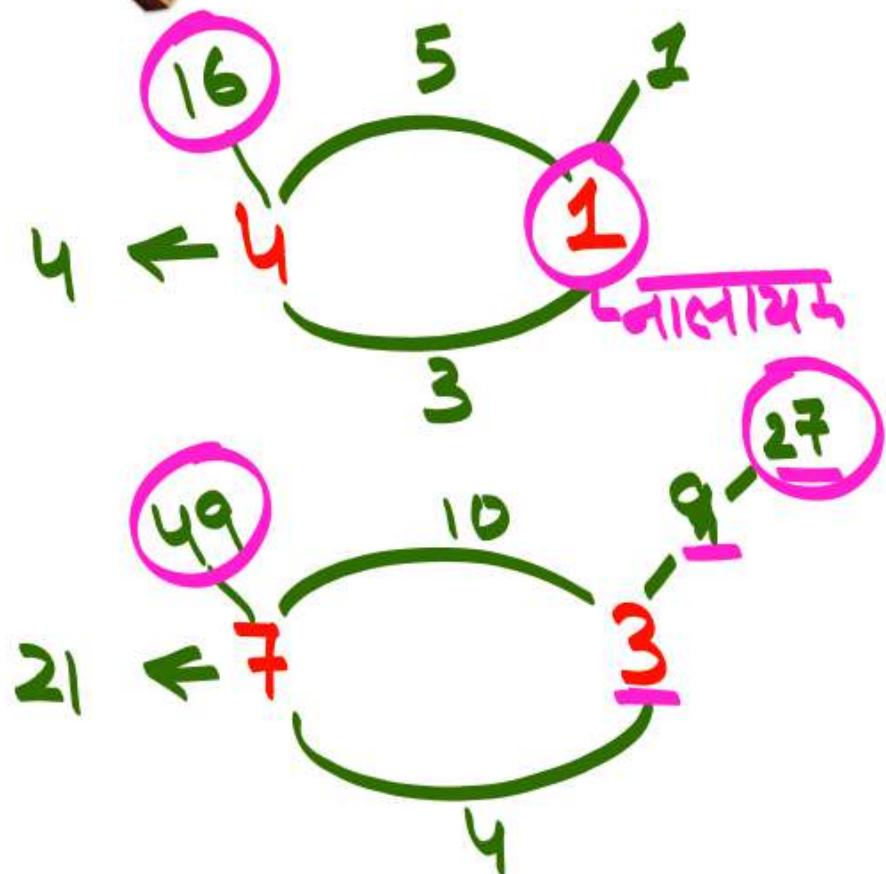
a
b
c
d

$$a \times c + d = b$$

$$8 \times 2 + 48 = 64$$

question

8



$$16 - 1 = 15$$

$$\begin{array}{ccc} \rightarrow & 4 & (15) & 1 \\ & 7 & (22) & 3 \\ & ? & (57) & 4 \end{array}$$

Below the question mark is the number 121.

$$49 - 27 = 22$$

[A] 11

[B] 16

[C] 12

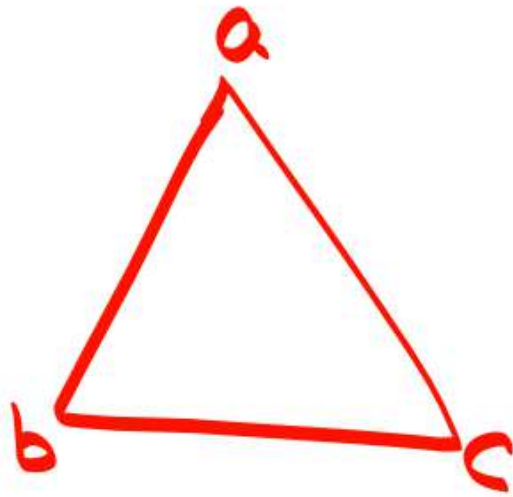
[D] 14

a (b) c

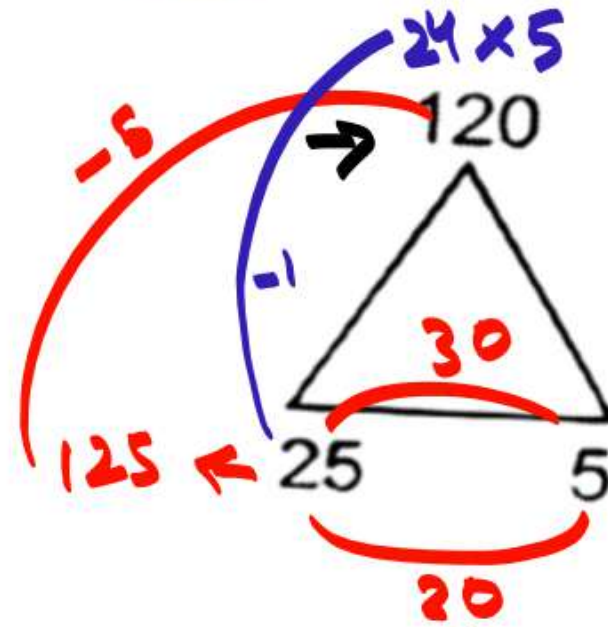
$$A^2 - C^3 = b$$

question

9

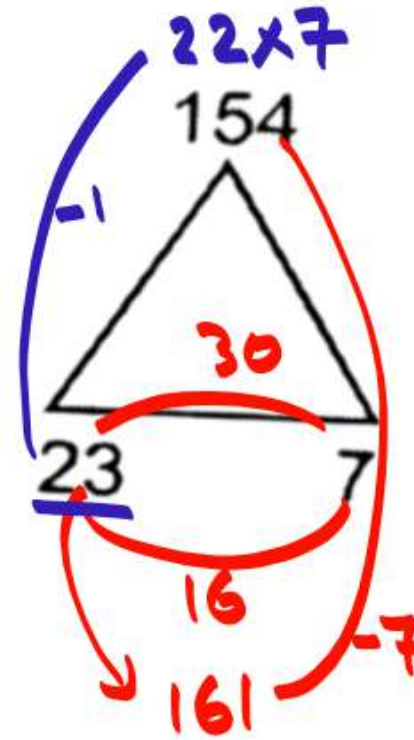


$$b \times c - c = a$$



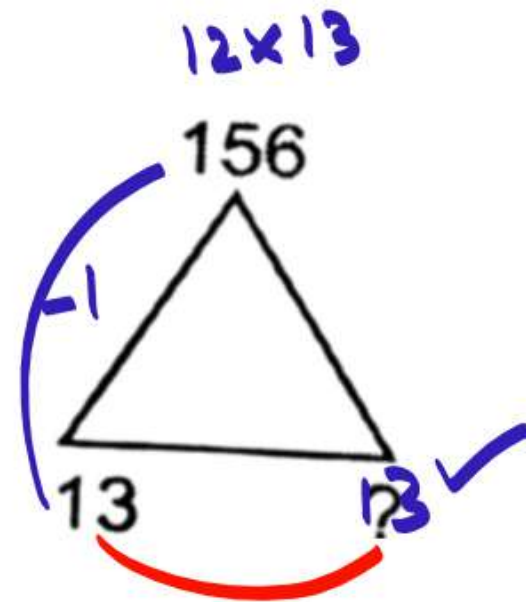
[A] 13

[C] 21



[B] 11

[D] 23



$$(b-1)c = A$$

a
b
c
d

$$(a+b+c)^2 = d$$

$$a^2 + b^2 + c^2 = \checkmark$$

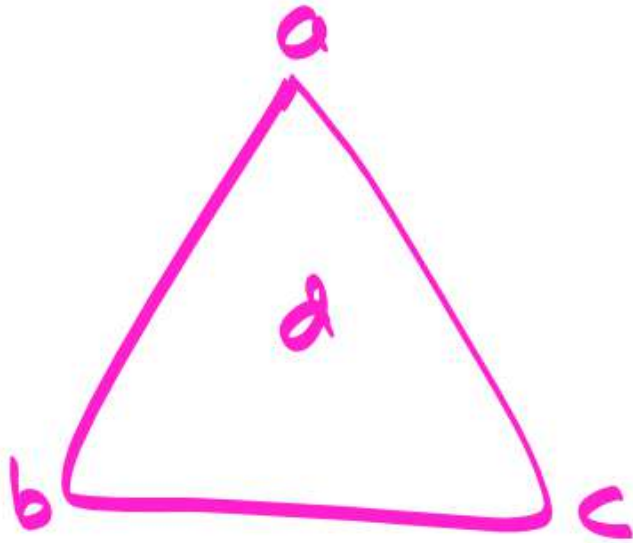
↓	↓	↓
11	17	8
5	3	15
3	7	12
361	729	1225
19^2	27^2	35^2

[A] 22

[B] 25

✓ [C] 12

[D] 21

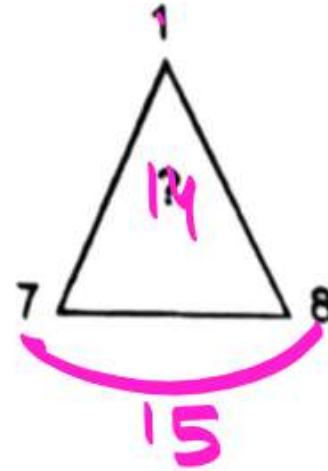
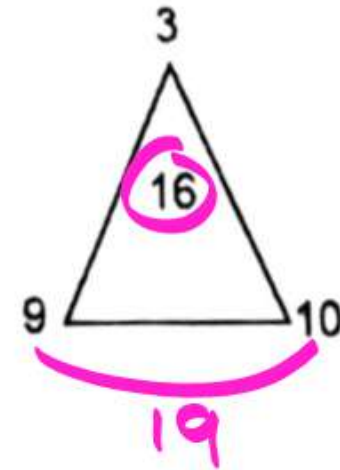
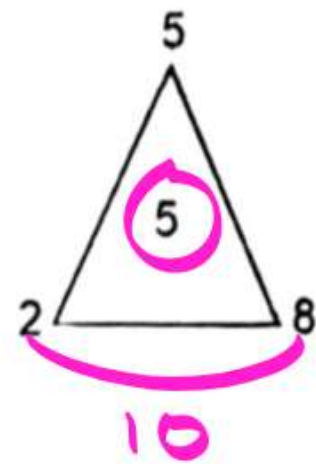


$$b + c = a + d$$

$$\downarrow$$

$$b + c - d = a$$

$$b + c - a = d$$



[A] 11

[B] 5

✓ [C] 14

[D] 16

2	5	8	5
9	3	10	16
7	1	8	?

a

b

c

$$\frac{c}{a} = \frac{b}{8}$$

$$\frac{A \times B}{8} = c$$

↓	↓	↓
50	48	30
56/8	32/8	40/8
350	192	150

Handwritten annotations: A red arrow labeled 'x7' points from 50 to 350. A red arrow labeled 'x4' points from 48 to 192. A red arrow labeled 'x5' points from 30 to 150. The bottom row (350, 192, 150) is circled in red.

☒ [A] 150☐ [C] 180☐ [B] 145☐ [D] 140

question

13



a
b
c
d

$$a + d = b \times c$$

29	71	67
8	11	14
4	7	5
3	6	3

32 (32) 12

$$70 = 14 \times 5$$

$$77 = 77$$

[A] 4

[B] 6

✓ [C] 5

[D] 3

Number Vision

$N \boxed{N^2}$

1 | 1

2 | 4

3 | 9

4 | 16

5 | 25

6 | 36

$N \boxed{N^3}$

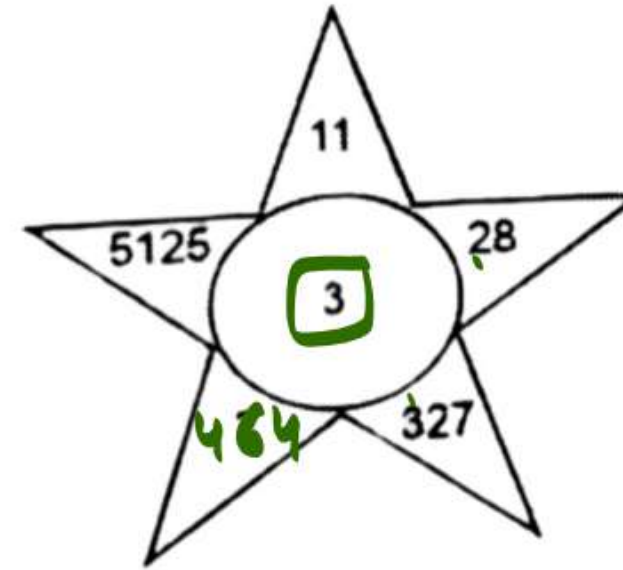
1 | 1

2 | 8

3 | 27

4 | 64

5 | 125



[A] 446

[C] 4126

✓ [B] 464

[D] 444

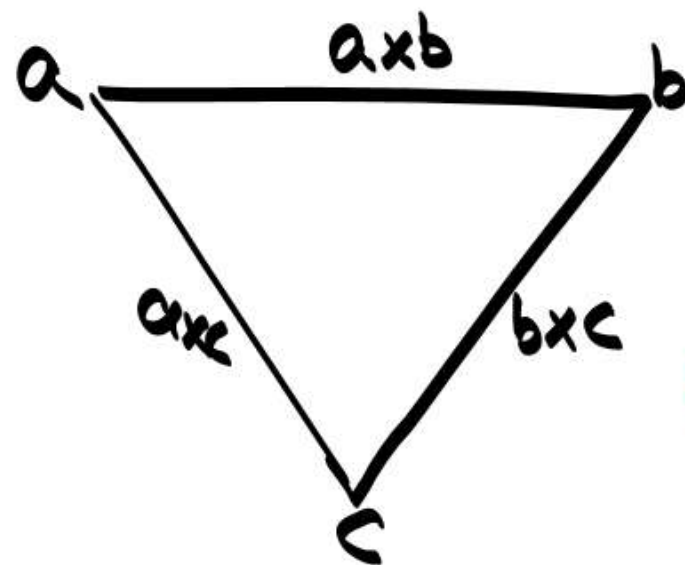
Series ✓

Number Vision ✓

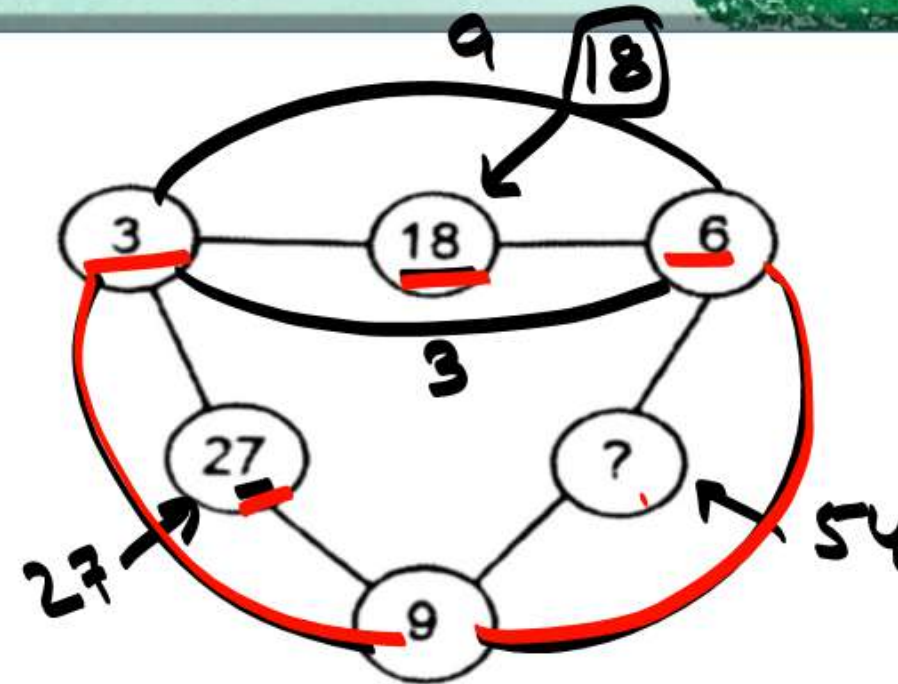
$$a^3 \pm b^3$$

$$a^2 + b^2$$

$$a + b$$



$$b^2 + c^2$$



[A] 54

[C] 38

[B] 18

[D] 29