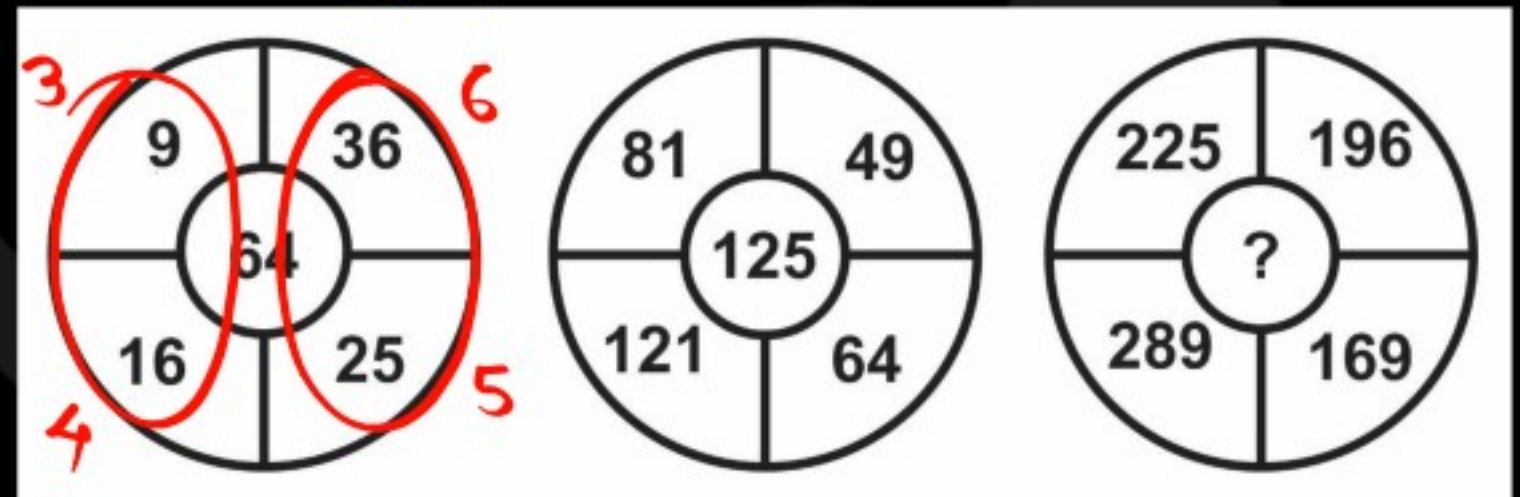


15. निम्नलिखित प्रश्न में प्रश्नचिह्न (?) के स्थान पर कौन-सी संख्या आएगी?

What number will come in place of the question mark (?) in the following question?

$$\begin{aligned}
 4^3 &\leftarrow (3+4) - (5+6) \\
 5^3 &= (9+11) - (8+7) \\
 5^3 &= (15+17) - (13+14) \\
 &32 - 27
 \end{aligned}$$



(a) 125
(c) 343

(b) 216
(d) 81

Reasoning by Aditya Patel Sir

$$9 \times 7 + 12 = 75$$

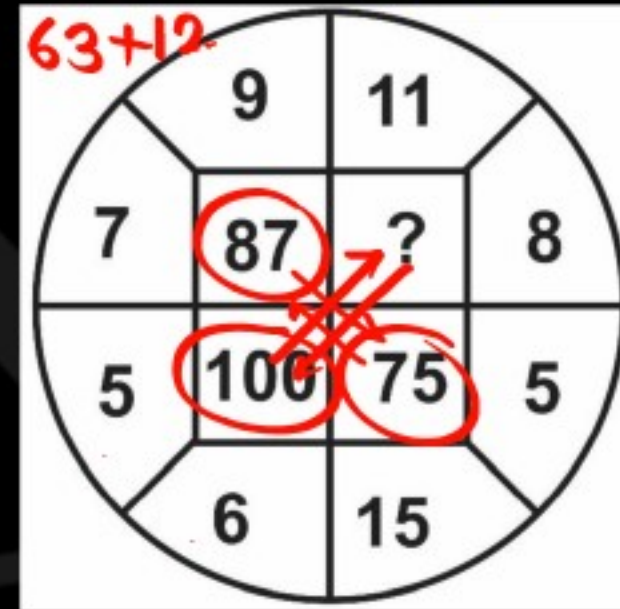
$$5 \times 6 + 12 = 42$$

$$15 \times 5 + 12 = 87$$

$$11 \times 8 + 12 = 100$$

16. निम्नलिखित प्रश्न में प्रश्नचिह्न (?) के स्थान पर कौन-सी संख्या आएगी?

What number will come in place of the question mark (?) in the following question?



(a) 40

(b) 45

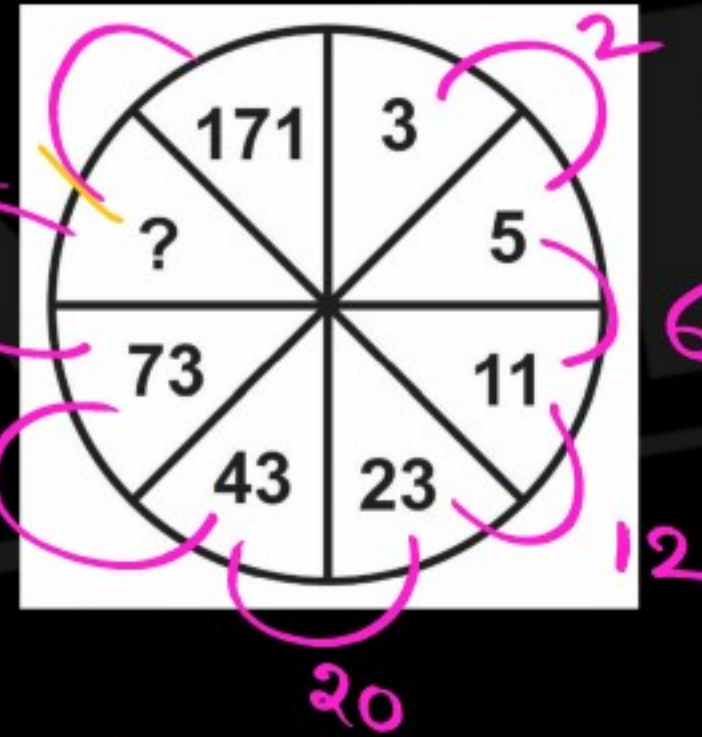
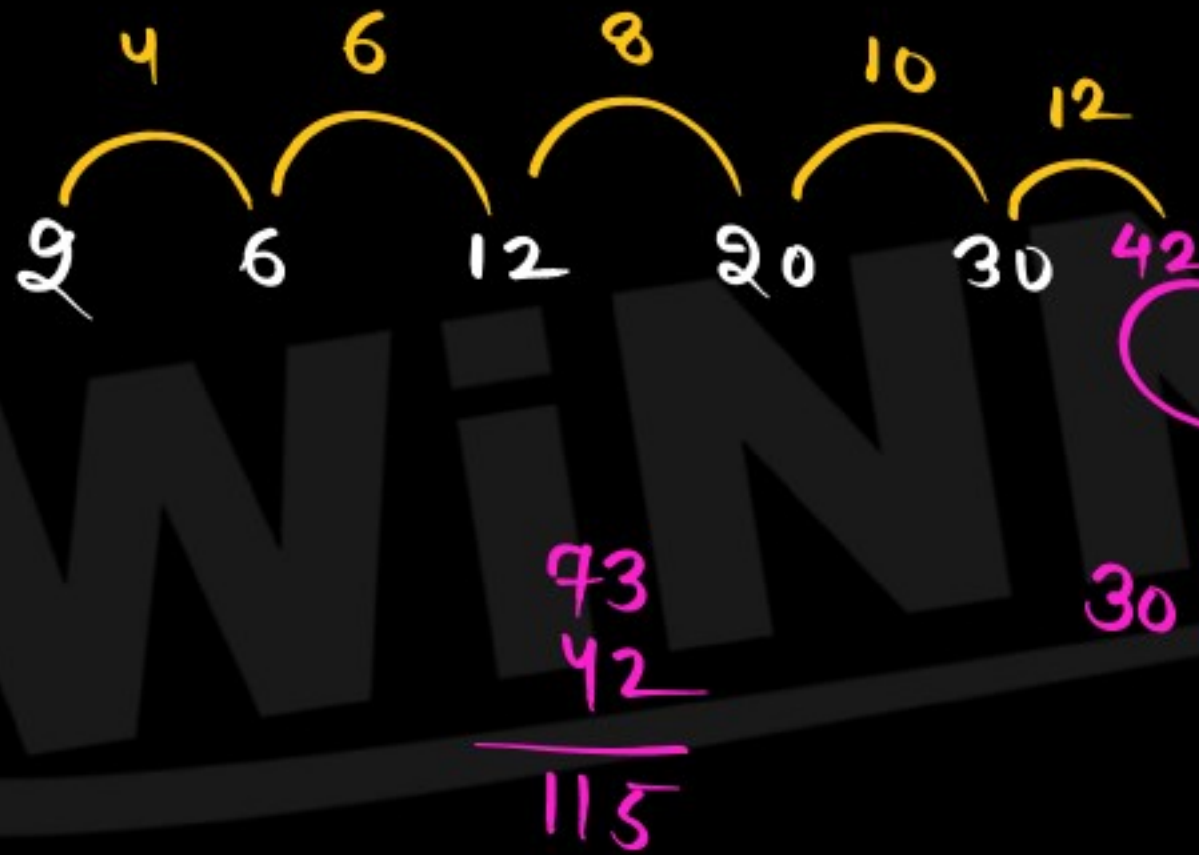
(c) 43

(d) 42

Reasoning by Aditya Patel Sir

17. निम्नलिखित प्रश्न में प्रश्नचिह्न (?) के स्थान पर कौन-सी संख्या आएगी?

What number will come in place of the question mark (?) in the following question?



- (a) 115 (b) 116
(c) 112 (d) 113

18. कौन-सी संख्या प्रश्नवाचक चिह्न (?) के स्थान पर आयेगी

Which number will come in place of the question mark (?)

$$(75 + 25) - (41 + 39)$$

$$100 - 80$$

$$20$$

$$66 - 40$$

$$26$$

| | | | | | |
|----|----|----|----|----|----|
| | 25 | | | 24 | |
| 41 | 20 | 39 | 18 | ? | 22 |
| | 75 | | | 42 | |

(a) 68

(c) 55

☒ (b) 26

(d) 14

19.

$$1+2+6+5 = 14-5 = 9$$

$$12 + 9 + 4 + 3 = 28 - 5 = 23$$

$$7 + 13 + 11 + 8$$

$$39 - 5 = 34$$

(a) 30

(b) 33

(c) 35

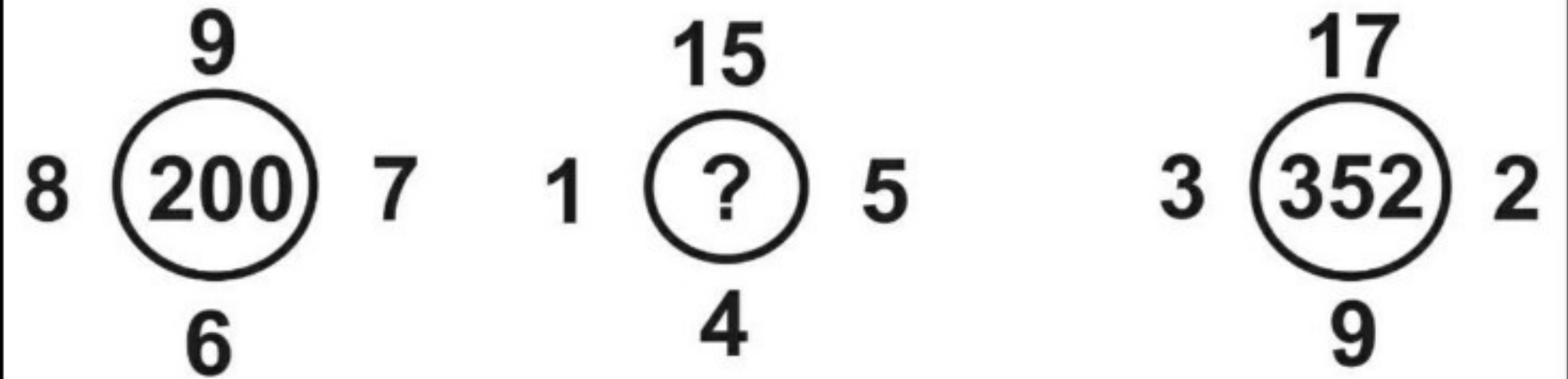
~~(d)~~ 34

1
 125 (9) 8 27 (23) 729 512 (?) 2197
 216 64 1331

20.

$$(64+81+49+36)-(8+9+7+6)$$

$$230 - 30 = 200$$



$$(225+25+16+1)-(15+5+4+1)$$

$$267 - 25 = 242$$

$$(289+4+9+81)-(17+2+3+9)$$

$$383 - 31 = 352$$

(a) 242

(b) 243

(c) 240

(d) 244

21.

| | | | |
|---|----|---|----|
| 5 | 18 | 3 | 30 |
| 6 | 10 | 5 | 12 |
| 8 | 17 | 2 | ? |

$$\frac{18 \times 5}{3} = 30$$

$$\frac{6 \times 10}{5} = 12$$

$$\frac{8 \times 17}{2}$$

(a) 67

(b) 65

☒ (c) 68

(d) 69

Reasoning by Aditya Patel Sir

22.

$$x + 35 - 25 = 15$$

| | | | | | | | | | | | |
|----|----|---|---|----|----|----|---|---|----|----|---|
| 17 | 10 | 9 | P | 12 | 20 | 29 | U | ? | 25 | 35 | O |
|----|----|---|---|----|----|----|---|---|----|----|---|

$$17 + 9 - 10 \Rightarrow 16$$

$$12 + 29 - 20 = 21$$

(a) 5

(b) 7

(c) 6

(d) 8

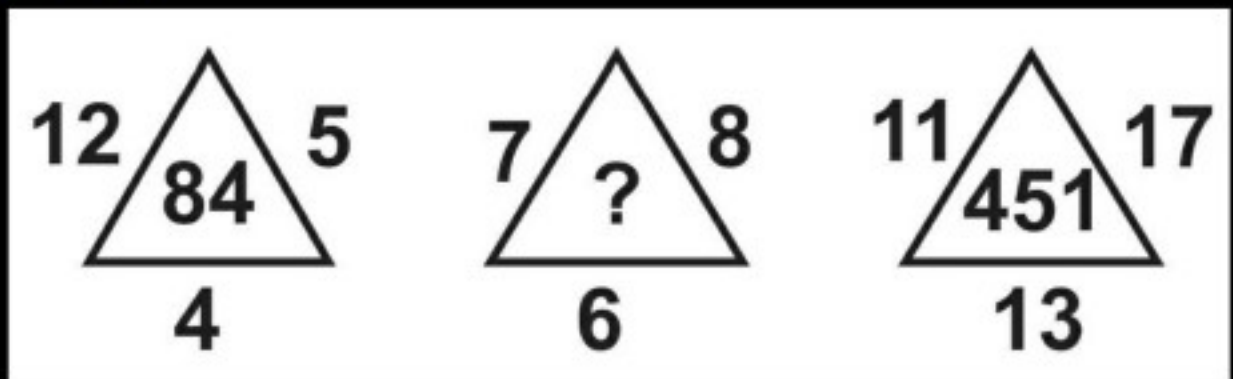
Reasoning by Aditya Patel Sir

23.

$$(12 + 5 + 4) = 21 \times 4 = 84$$

$$(11 + 13 + 17) = 41 \times 11 = 451$$

$$(6 + 7 + 8) = 21 \times 6 = 126$$



(a) 127

(c) 128

☒ (b) 126

(d) 130

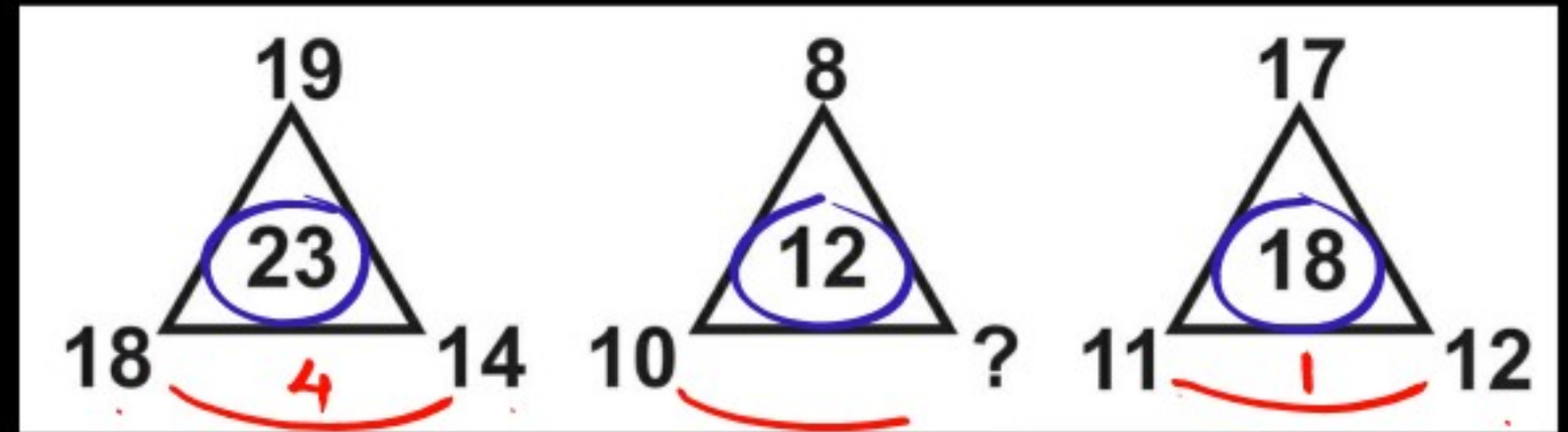
24.

D.O. / અવરોધી ક્રમ

$$19 + 18 - 14 = 23$$

$$17 + 12 - 11 = 18$$

$$10 + 8 - 6 = 12$$



(a) 10

(b) 6

(c) 8

(d) 14

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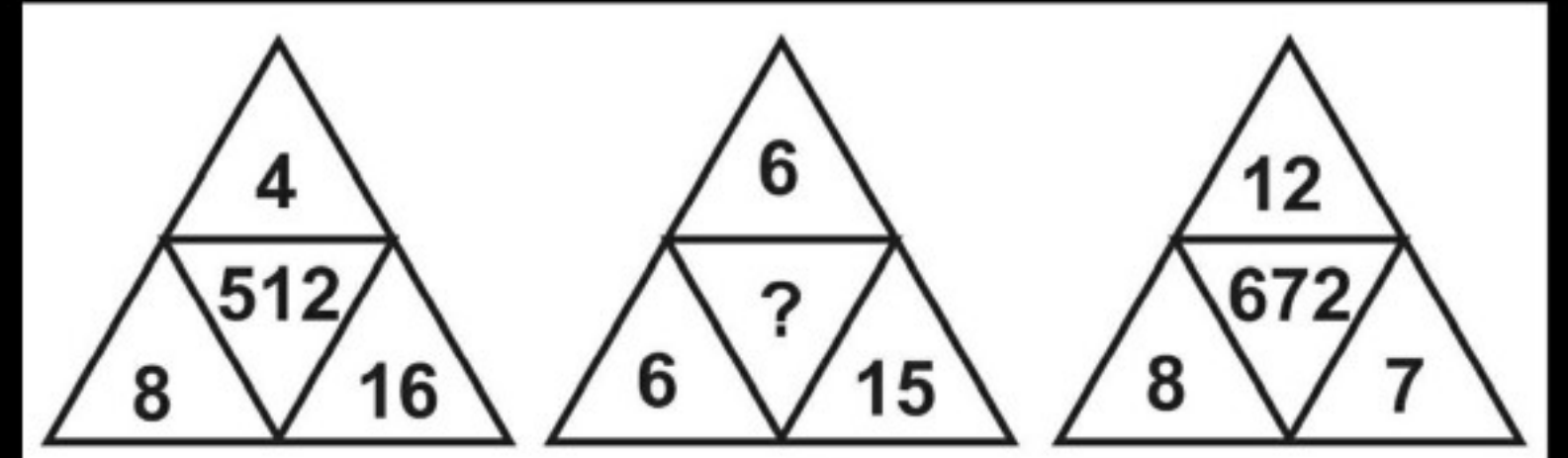
Reasoning by Aditya Patel Sir

25.

$$4 \times 8 \times 16 = 512$$

$$7 \times 8 \times 12 = 672$$

$$6 \times 6 \times 15 = 540$$



(a) 540

(b) 545

(c) 560

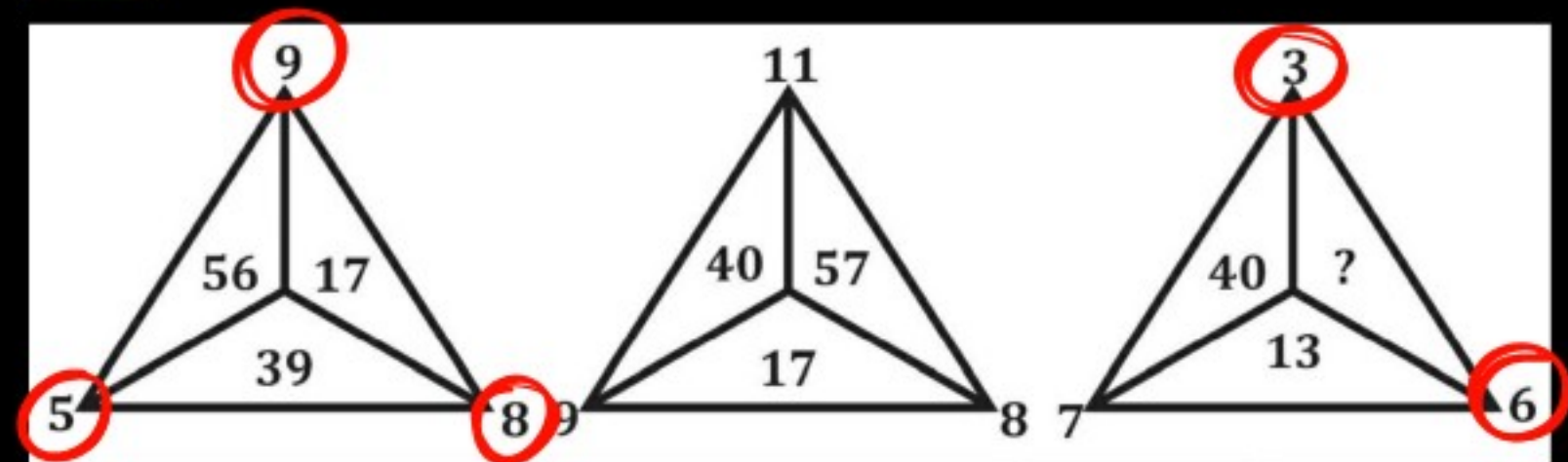
(d) 530

26.

$$9^2 - 5^2 = 56$$

$$9^2 - 8^2 = 17$$

$$8^2 - 5^2 = 39$$



(a) 27

(b) 29

(c) 26

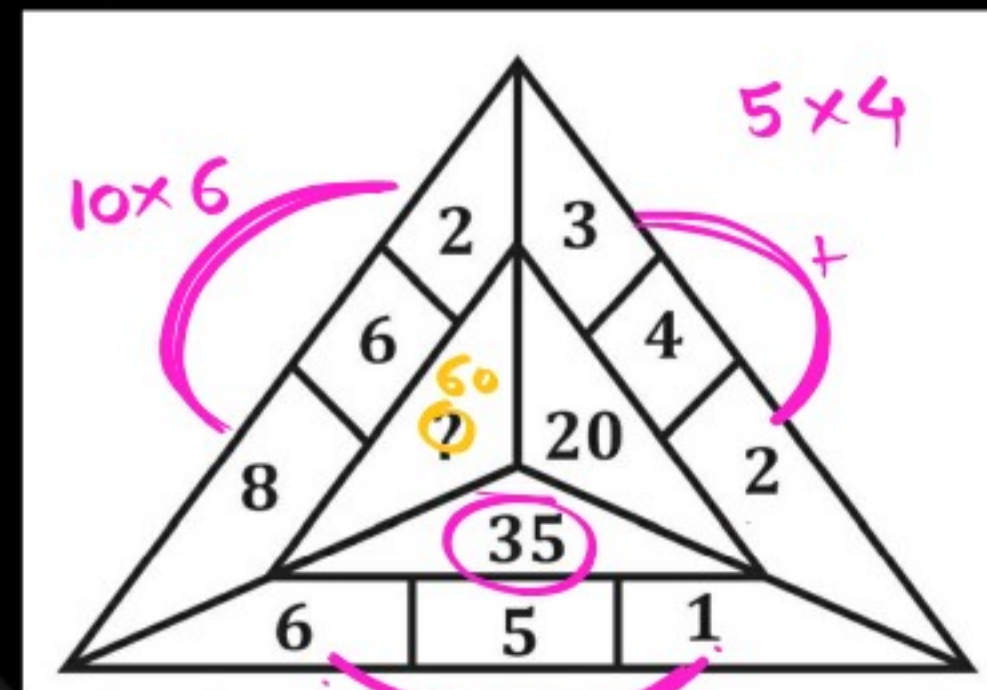
(d) 30

$$6^2 - 3^2$$

$$36 - 9$$

Reasoning by Aditya Patel Sir

27.



(a) 70

(b) 58

(c) 62

☒ (d) 60

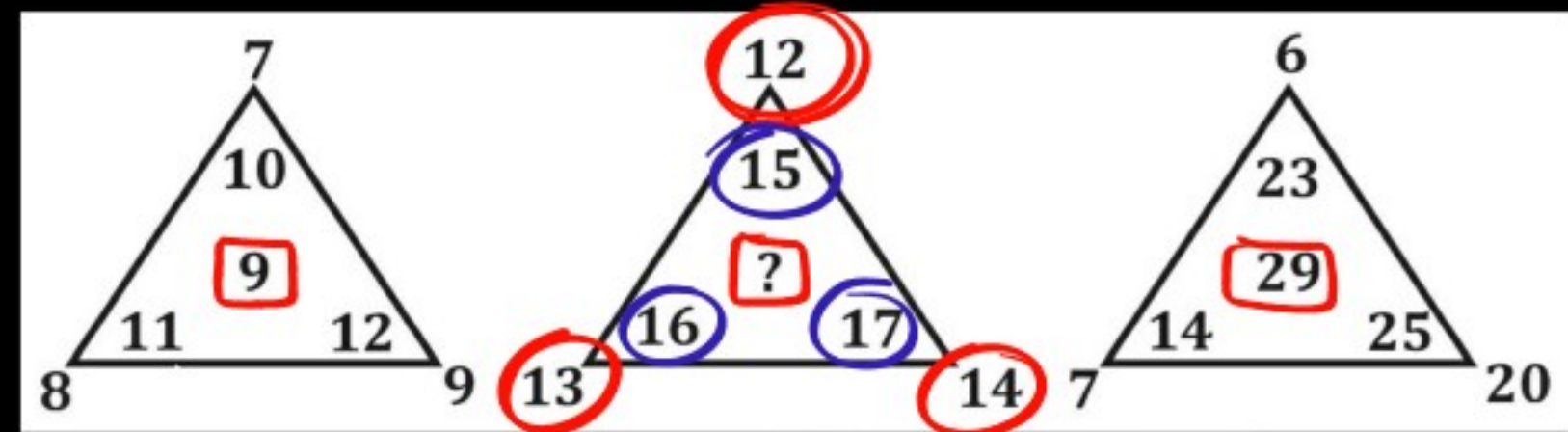
Reasoning by Aditya Patel Sir

28.

$$(10+11+12) - (7+8+9)$$

$$33 - 24 = 9$$

$$62 - 33 = 29$$



$$\begin{array}{r} 39 \quad 48 \\ \hline 9 \end{array}$$

(a) 8

(c) 10

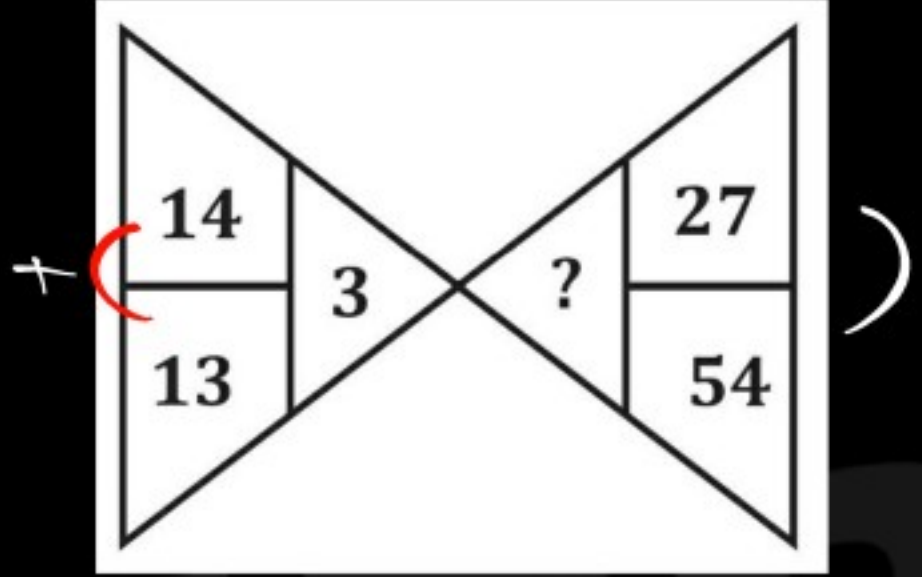
~~(b) 9~~

(d) 11

29.

$$\frac{27}{9} = 3$$

$$\frac{81}{9} = 9$$



- ~~(a) 9~~ (b) 12
(c) 10 (d) 11

30.

| | |
|----|---|
| 35 | |
| 5 | 4 |
| 17 | 5 |
| 20 | 6 |

| | |
|----|---|
| ? | |
| 19 | 7 |
| 20 | 8 |
| 35 | 6 |

Hw

(a) 73

(b) 75

(c) 74

(d) 77