

30.

$$16 - 5 = 11$$

$$25 - 17 = 8$$

$$36 - 20 = 16$$

35

35	
5	4 <sup>2</sup>
17	5 <sup>2</sup>
20	6 <sup>2</sup>

?	
19	7 <sup>2</sup>
20	8 <sup>2</sup>
35	6 <sup>2</sup>

$$49 - 19 = 30$$

$$64 - 20 = 44$$

$$36 - 35 = 1$$

75

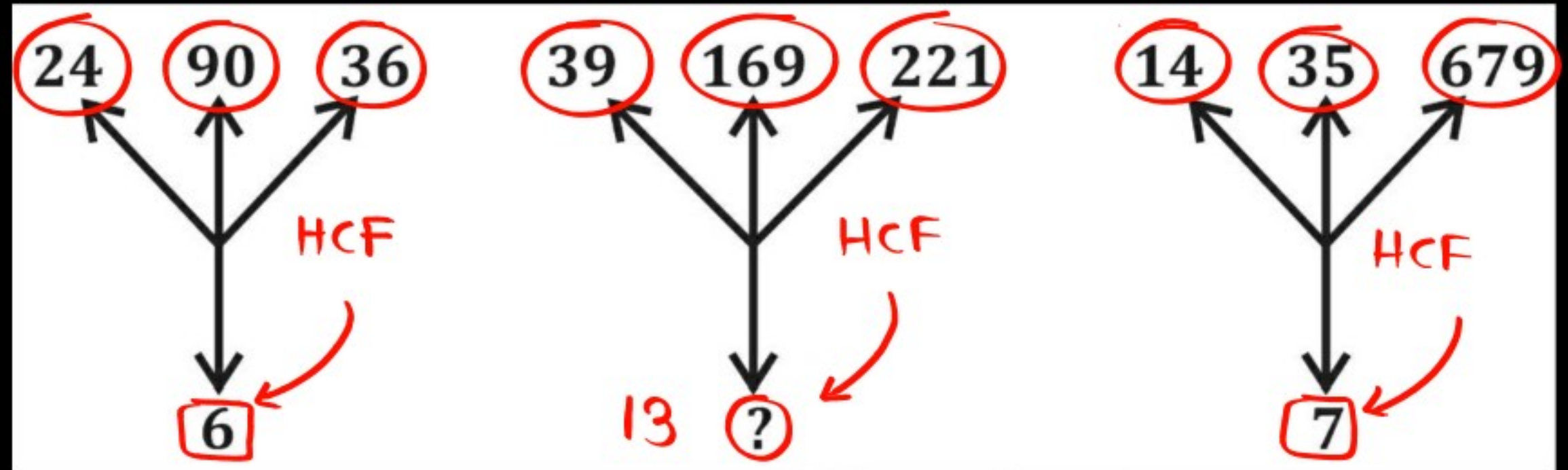
(a) 73

(c) 74

✓ (b) 75

(d) 77

31.



(a) 16  
(c) 15

(b) 14  
(d) 13

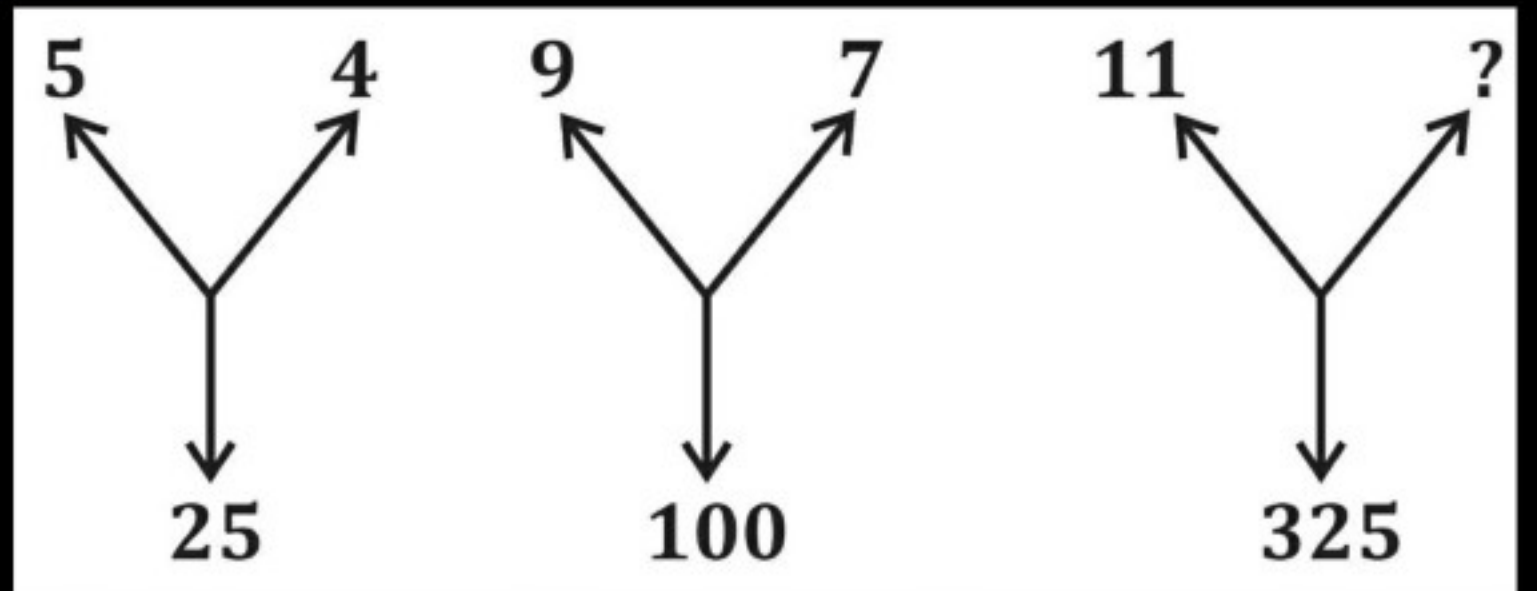
Reasoning by Aditya Patel Sir

32.

$$\begin{array}{cc} 5-1 & 4-1 \\ 4^2 + 3^2 & \\ \hline 25 & \end{array}$$

$$\begin{array}{cc} 8^2 + 6^2 & \\ 100 & \end{array}$$

$$\begin{array}{l} 10^2 + x^2 = 325 \\ = 225 \\ = 15 \end{array}$$



(a) 19

(c) 17

☒ (b) 16

(d) 15

Reasoning by Aditya Patel Sir

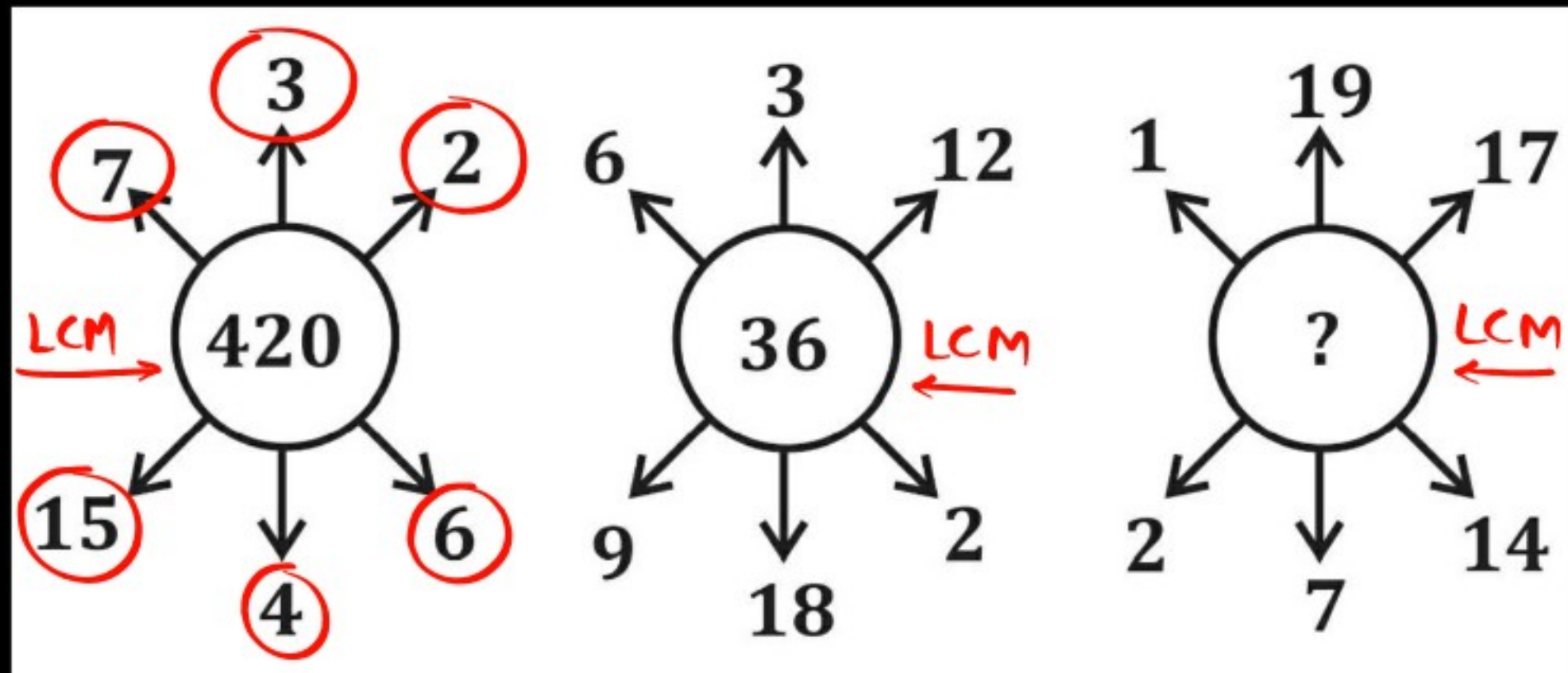
33.

$1, 19, 17, 2, 7, 14$   
LCM

$14 \times 19 \times 17$

$14 \times 323$

4522



~~(a) 4524~~

(c) 4522

(b) 4622

~~(d) 4525~~

Reasoning by Aditya Patel Sir



34.

$$19 \times 2 + \frac{36}{2}$$

$$38 + 18 \Rightarrow 56$$

$$33 \times 2 + \frac{26}{2}$$

$$66 + 13$$

$$31 \times 2 + \frac{16}{2}$$

$$62 + 8$$

19

33

31

56

79

?

36

26

16

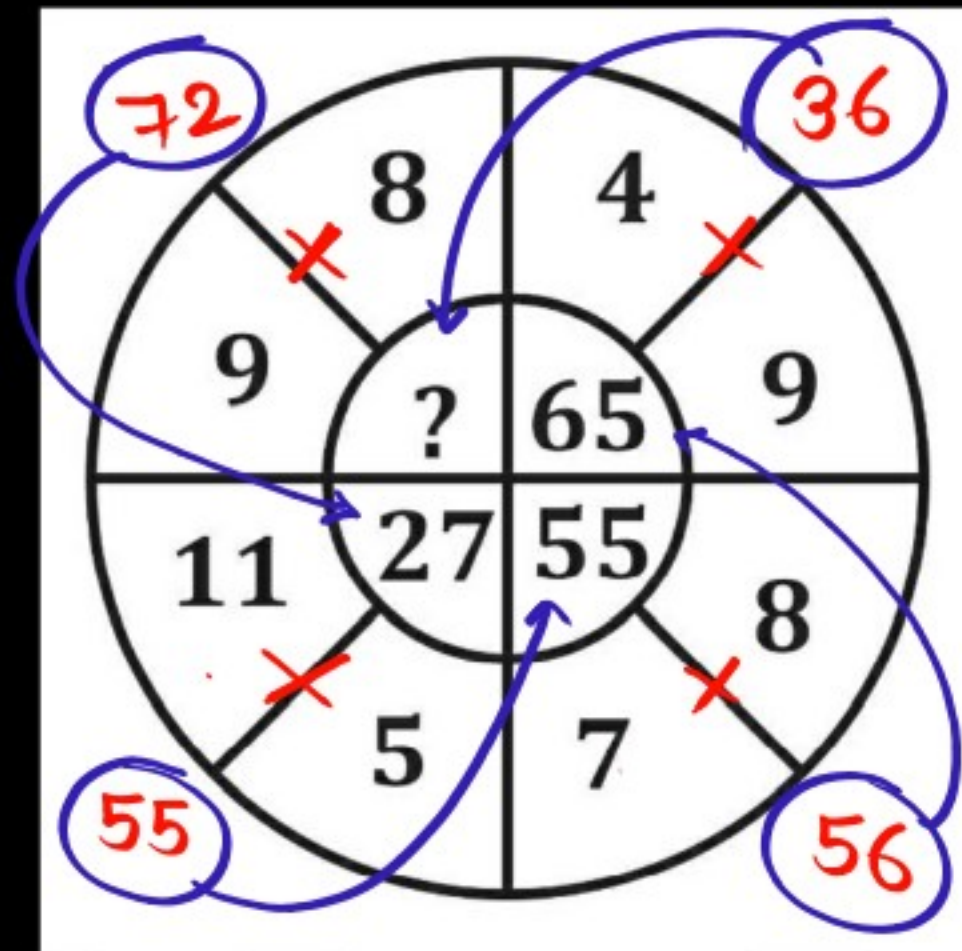
✓ (a) 70

(c) 42

(b) 72

(d) 69

35.



(a) 63

(b) 65

(c) 60

(d) 64

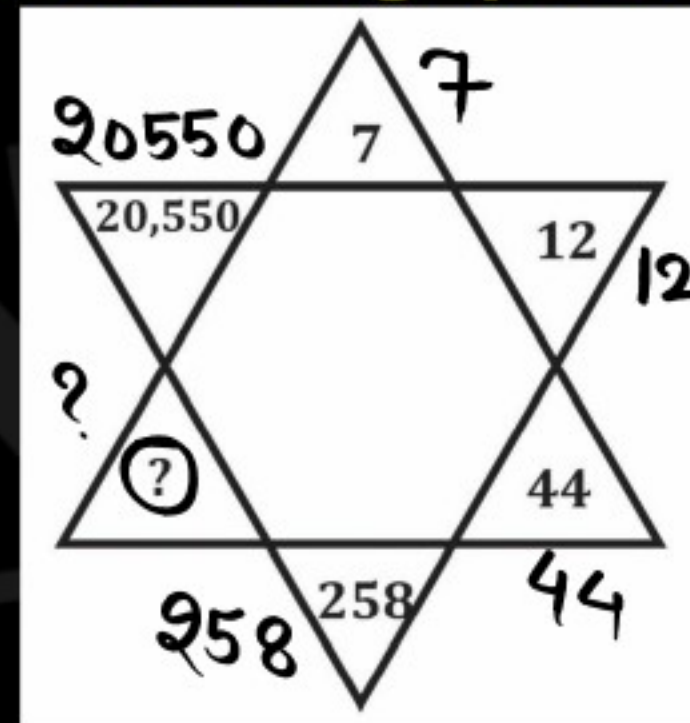
Reasoning by Aditya Patel Sir

$$\begin{array}{ccccccccc}
 7 & 12 & 44 & 258 & ? & 20550 \\
 \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\
 \times 2 & \times 4 & \times 6 & \times 8 & \times 10 \\
 - 2 & - 4 & - 6 & - 8 & - 10
 \end{array}$$

2056

**35.** निम्नलिखित प्रश्न में प्रश्नवाचक चिह्न (?) के स्थान पर कौन-सी संख्या होगी?

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



(a) 2058

(b) 2057

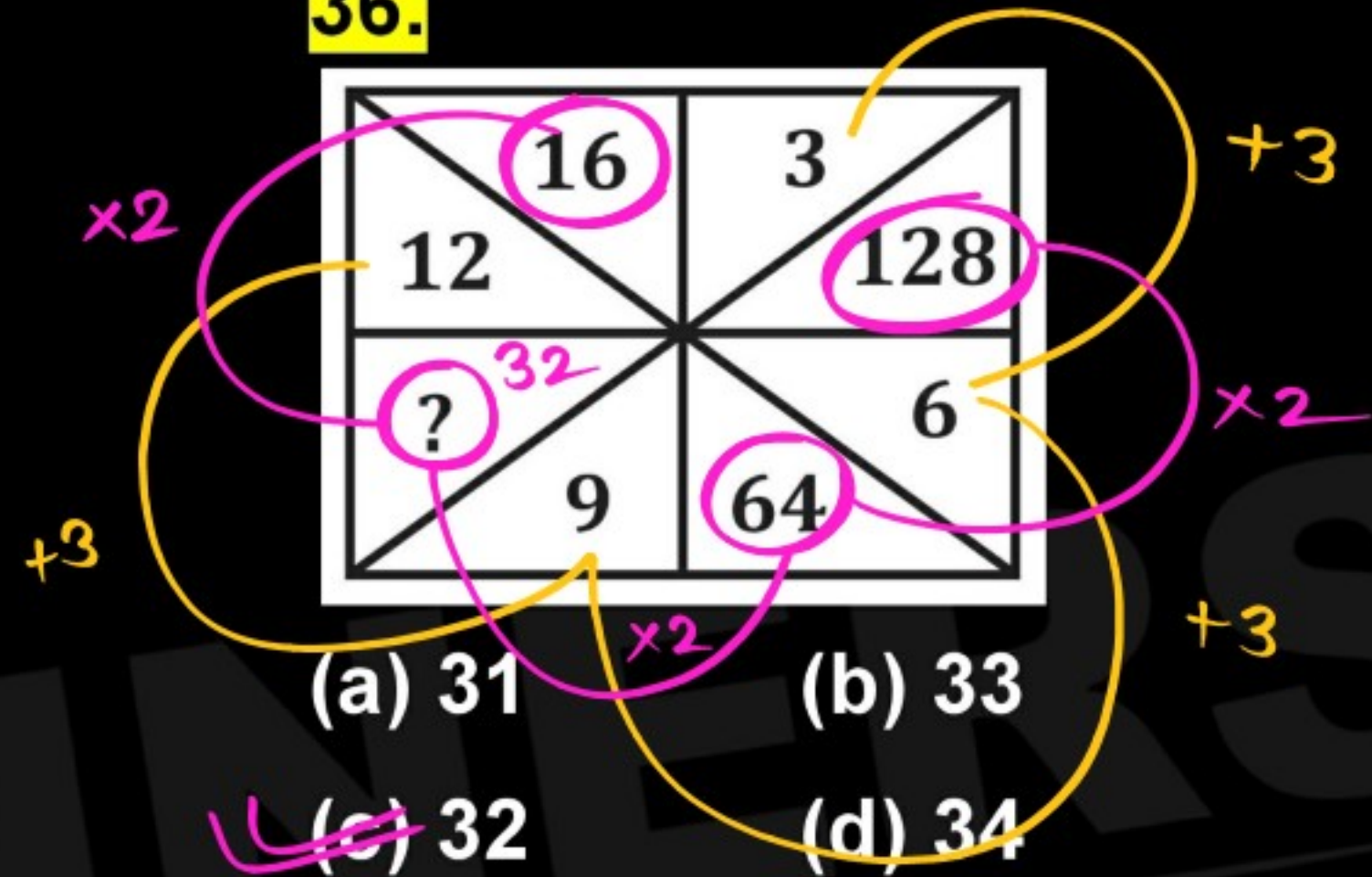
✓ (c) 2056

(d) 2059

Reasoning by Aditya Patel Sir

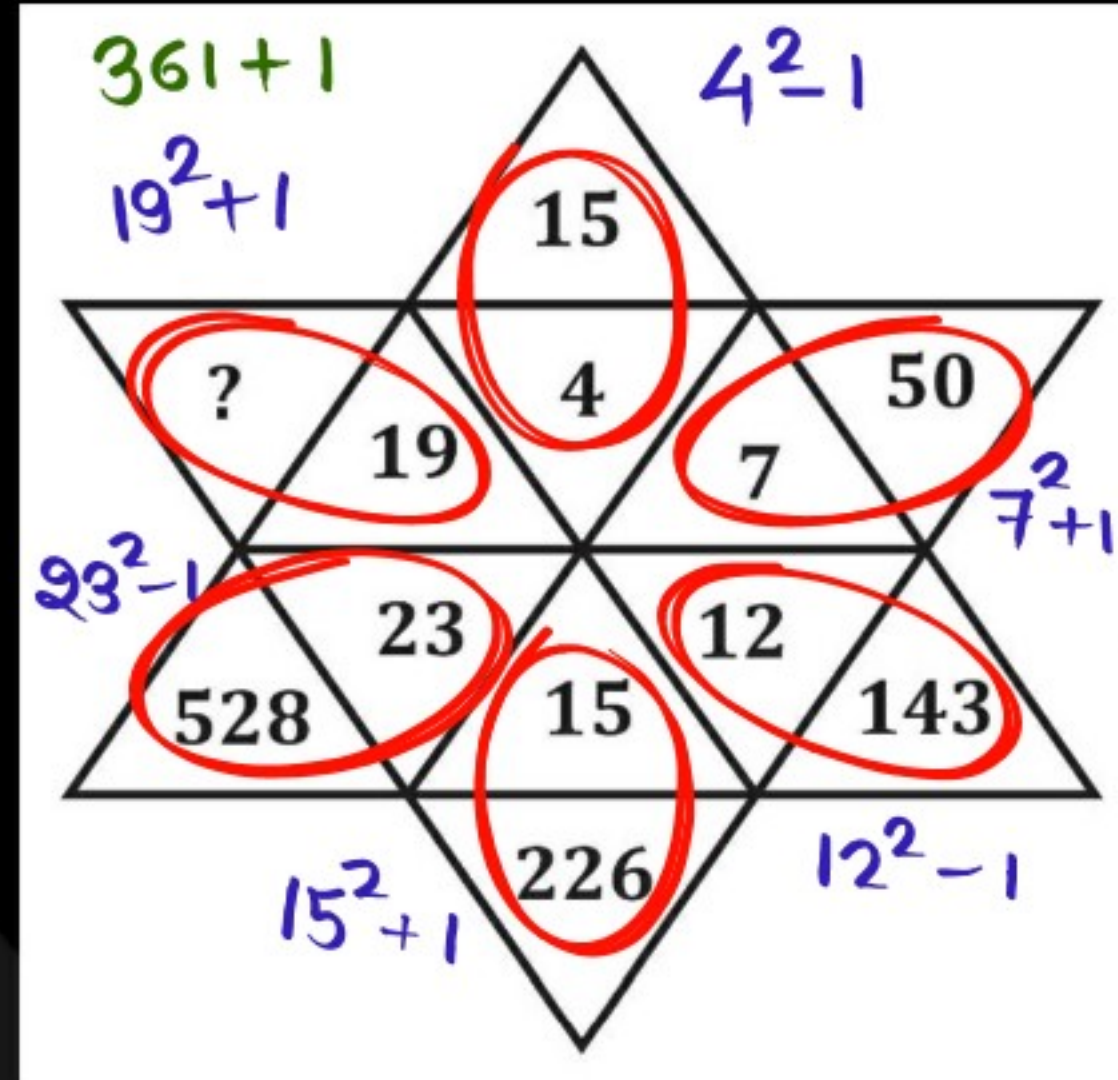


36.





37.



(a) 362

(b) 363

(c) 365

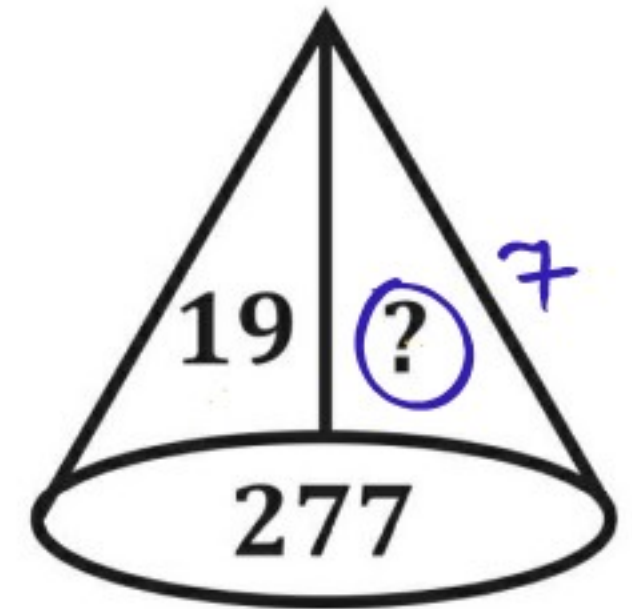
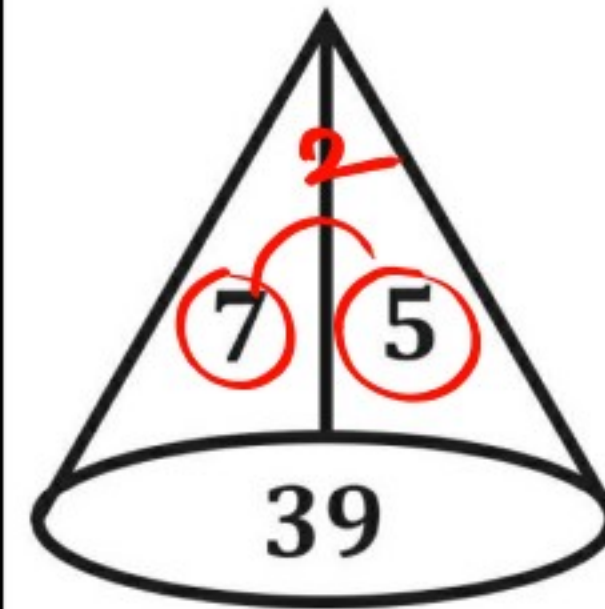
(d) 366

Reasoning by Aditya Patel Sir

38.

$$7^2 - 5 \times 2$$

$$49 - 10 = 39$$



$$21^2 - 16 \times 5$$

$$441 - 80 = 361$$

(a) 9

(b) 5

(c) 7

(d) 10

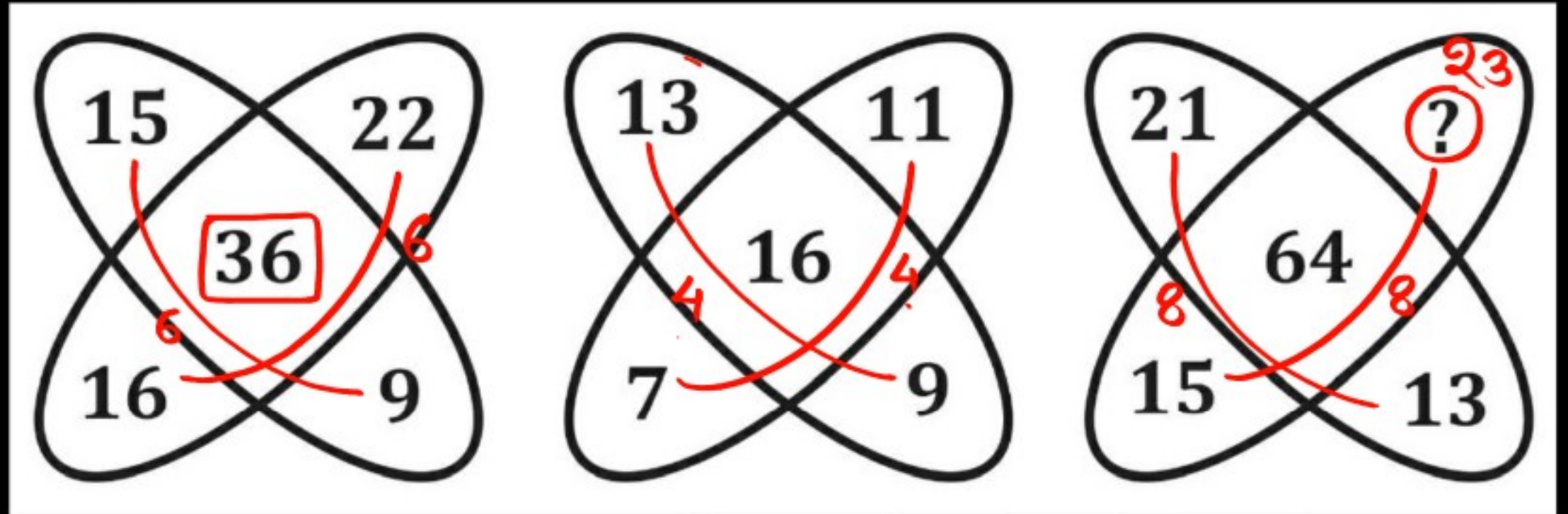
$$12 \times 7$$

$$19^2 - 12 \times 7$$

$$361 - 84 = 277$$

Reasoning by Aditya Patel Sir

39.



~~(a)~~ 23

(b) 19

(c) 20

(d) 22



40.

$$(6^2 + 3^2) - (4^2 + 2^2)$$

$$45 - 20 = 25$$

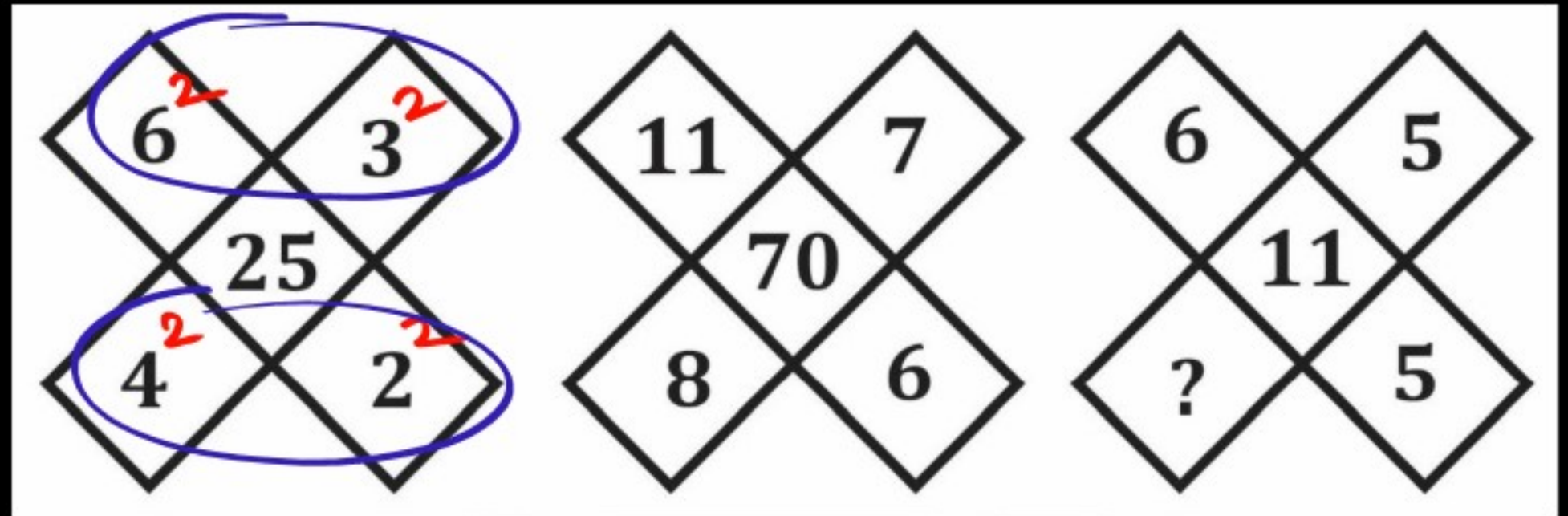
$$(6^2 + 5^2) - (x^2 + 5^2) = 11$$

$$61 - x^2 - 25 = 11$$

$$61 - 36 = x^2$$

$$25 = x^2$$

$$5 = x$$



(a) 5

(b) 2

(c) 12

(d) 7



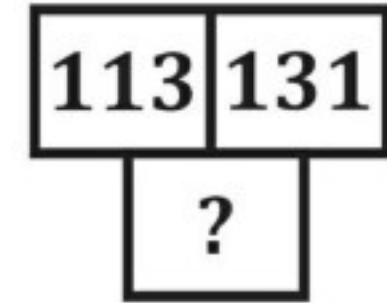
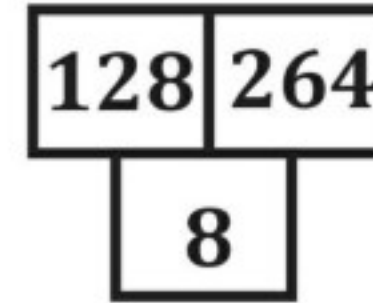
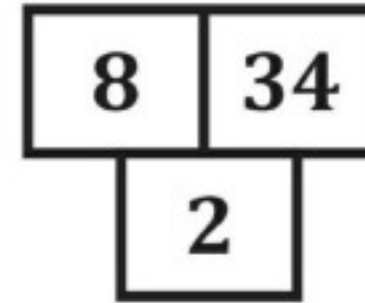
41.

$$8, 34 = \text{HCF} = 2$$

$$128, 264 = \text{HCF} = 8$$

$$113, 131 = \text{HCF} = \textcircled{1}$$

Ans



(a) 11

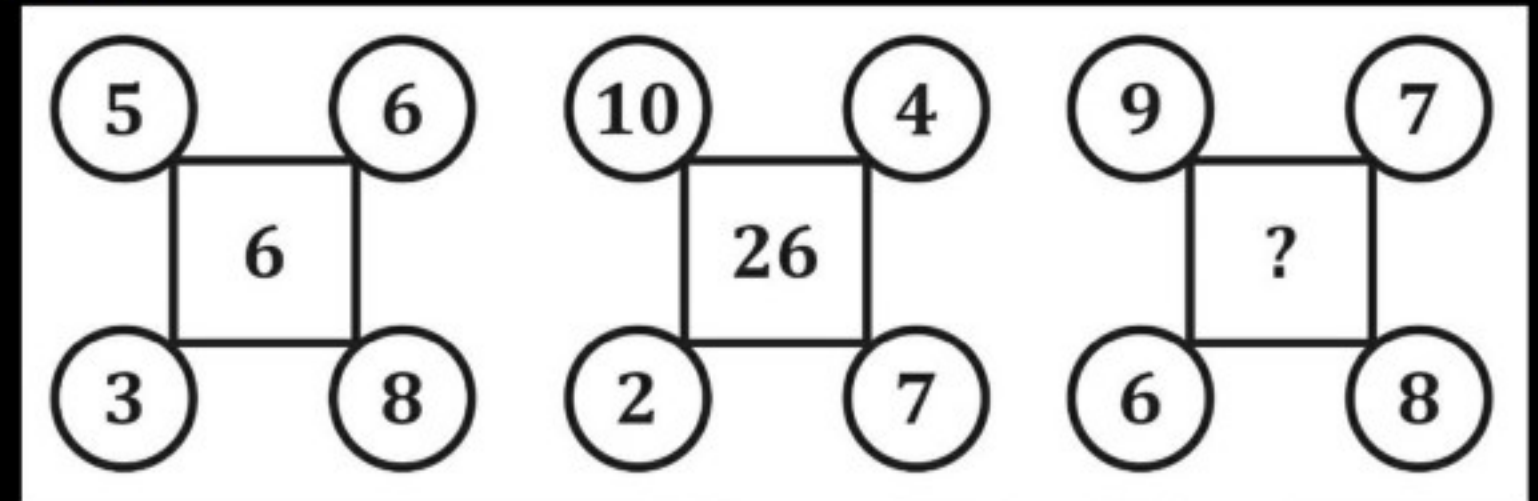
☒ (b) 1

(c) 9

(d) 17

WINNERS

42.



(a) 13

(b) 36

(c) 15

(d) 16

Hw

Reasoning by Aditya Patel Sir



**ADITYA SIR**



**CLICK HERE**



**CLICK HERE**



**CLICK HERE**



**CLICK HERE**



**CLICK HERE**



**CLICK HERE**

