

Foundation Batch



REASONING

Missing Number

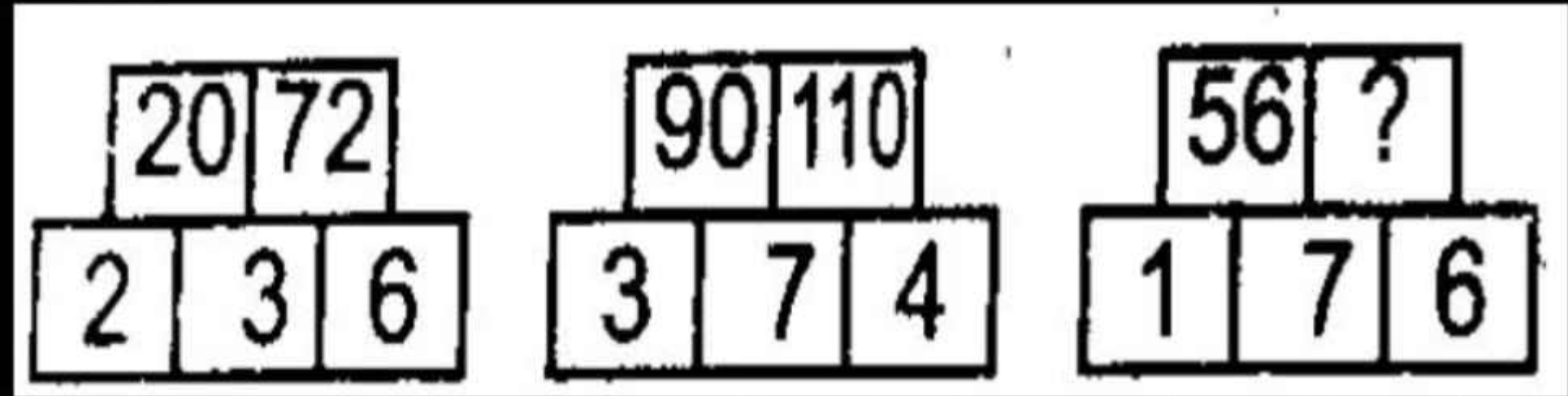
Part -05

LIVE 18-06-2024 11:00AM



Foundation Batch REASONING

1.



$$\begin{array}{r} 20 \\ 55 \\ \hline 112 \end{array}$$

$$\begin{array}{r} 72 \\ 8 \\ \hline 156 \end{array}$$

$$\begin{array}{r} 90 \\ 110 \\ \hline 144 \end{array}$$

$$\begin{array}{r} 110 \\ 10 \\ \hline 186 \end{array}$$

$$\begin{array}{r} 56 \\ 48 \\ \hline 104 \end{array}$$

$$\begin{array}{r} 13 \\ 12 \\ \hline 25 \end{array}$$



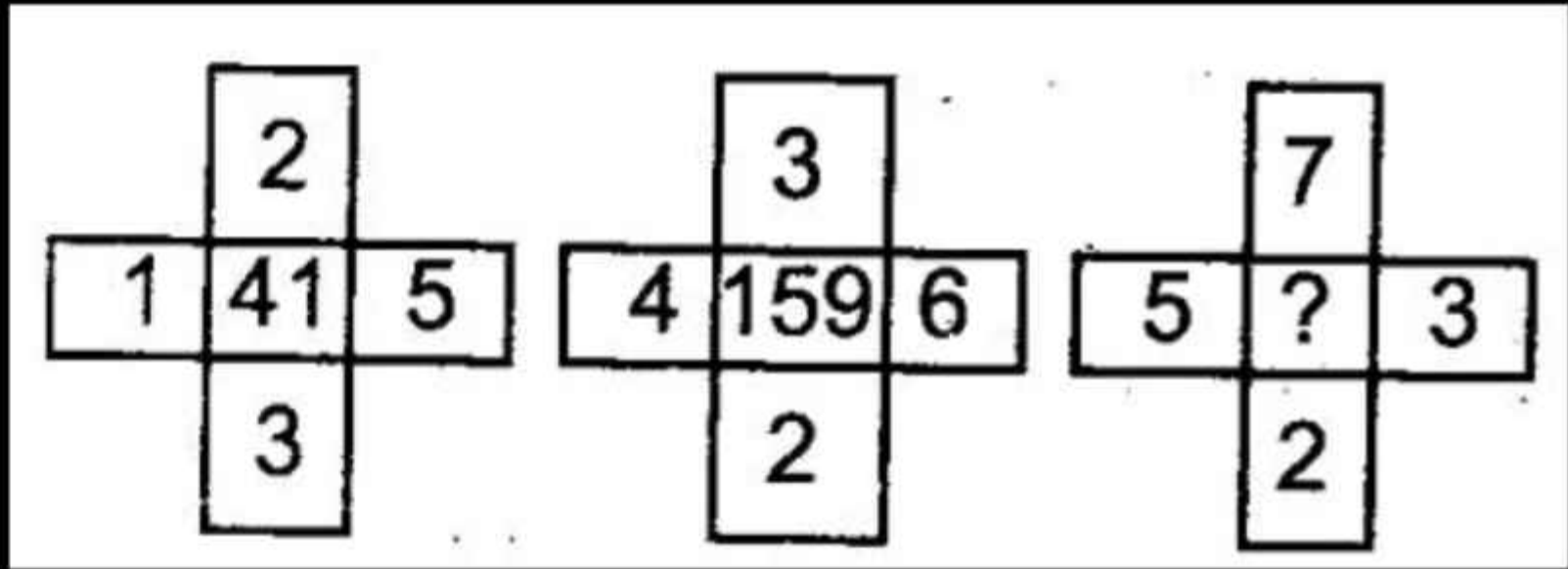
$$\begin{array}{r} 1 \\ 2 \\ 3 \\ \hline 30 \end{array} + \begin{array}{r} 1 \\ 2 \\ 3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3 \\ 6 \\ 6 \\ \hline 144 \end{array} + \begin{array}{r} 3 \\ 6 \\ 6 \\ \hline 15 \end{array}$$

159

$$\begin{array}{r} 7 \\ 3 \\ 2 \\ \hline 210 \end{array} + \begin{array}{r} 7 \\ 3 \\ 2 \\ \hline 17 \end{array}$$

2.



(a) 189

(c) 277

✓ (b) 227

(d) 339

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3.



$$\begin{aligned} 25 + 27 &= 52 \\ 23 + 30 &= 53 \\ 21 + 33 &= 54 \\ 19 + 36 &= 55 \end{aligned}$$

(a) 35

(b) 32

(c) 22

(d) 19



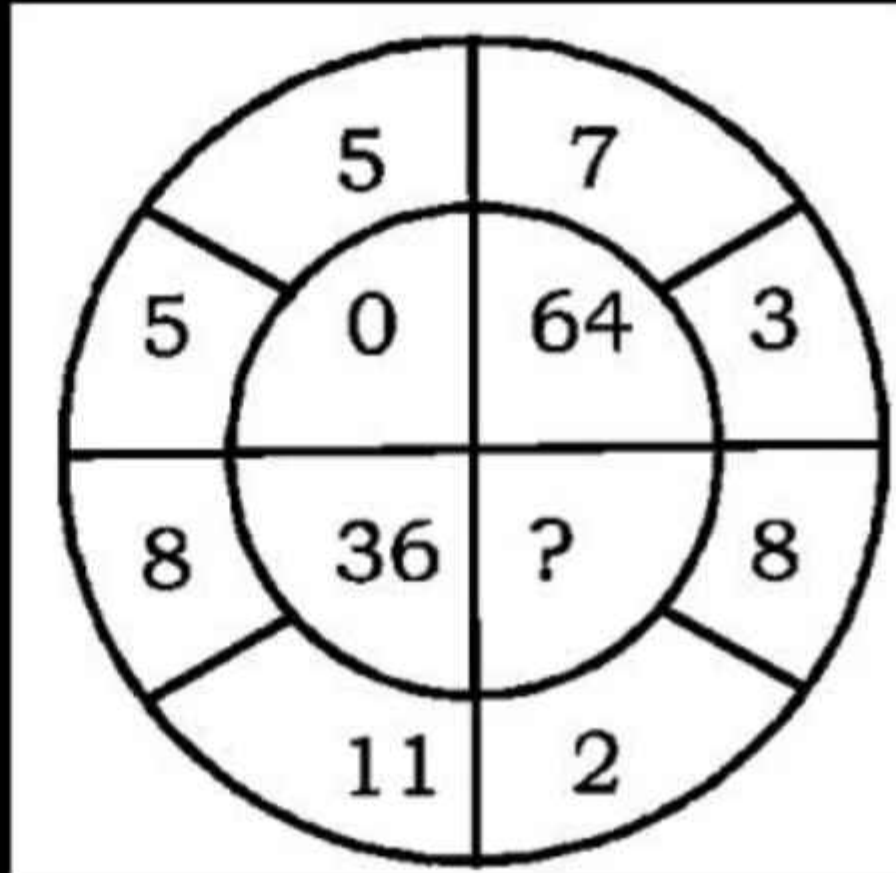
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4.

$$\begin{array}{r} 8-2 \\ 6 \\ \hline 2 \\ (12)^2 \end{array}$$

$$\begin{array}{r} 5-5 \\ 20 \\ \hline 0 \\ (0)^2 \end{array}$$

$$\begin{array}{r} 11-8 \\ 3 \\ \hline 2 \\ (6)^2 \end{array}$$



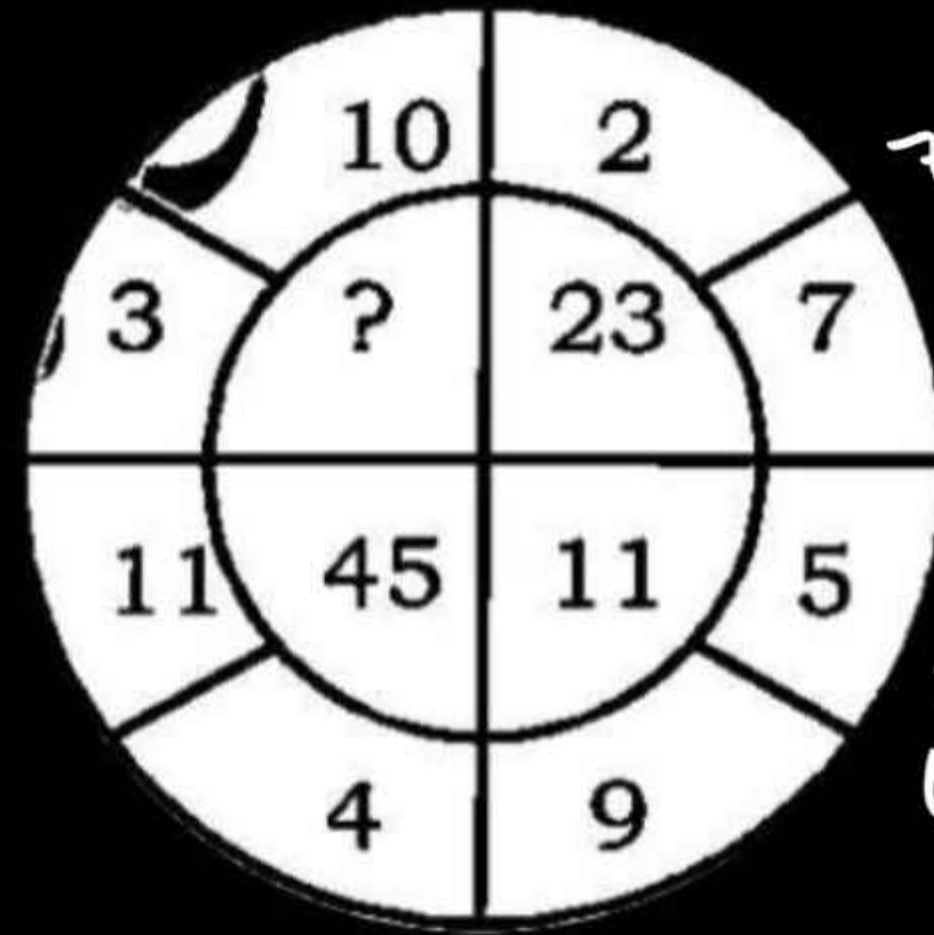
$$\begin{array}{r} 7-3 \\ 5 \\ \hline 2 \\ (8)^2 \end{array}$$

- (a) 0
(c) 100

- (b) 125
(d) 144

✓

5.



$$10-3$$

$$(7)^2=3$$

$$11-4$$

$$(7)^2=4$$

$$7-2$$

$$(5)^2=2$$

$$9-5$$

$$(4)^2=5$$

- ✓ (a) 46
- (c) 91

- (b) 34
- (d) 21

6.



$$\begin{array}{r} 6+4 \\ (10)^3 \\ \hline 1000 \\ 10 \end{array} \quad \begin{array}{r} 5+2 \\ (7)^3 \\ \hline 343 \\ 10 \end{array}$$

$$\begin{array}{r} 9+3 \\ (12)^3 \\ \hline 1728 \\ 10 \end{array}$$

(a) 8

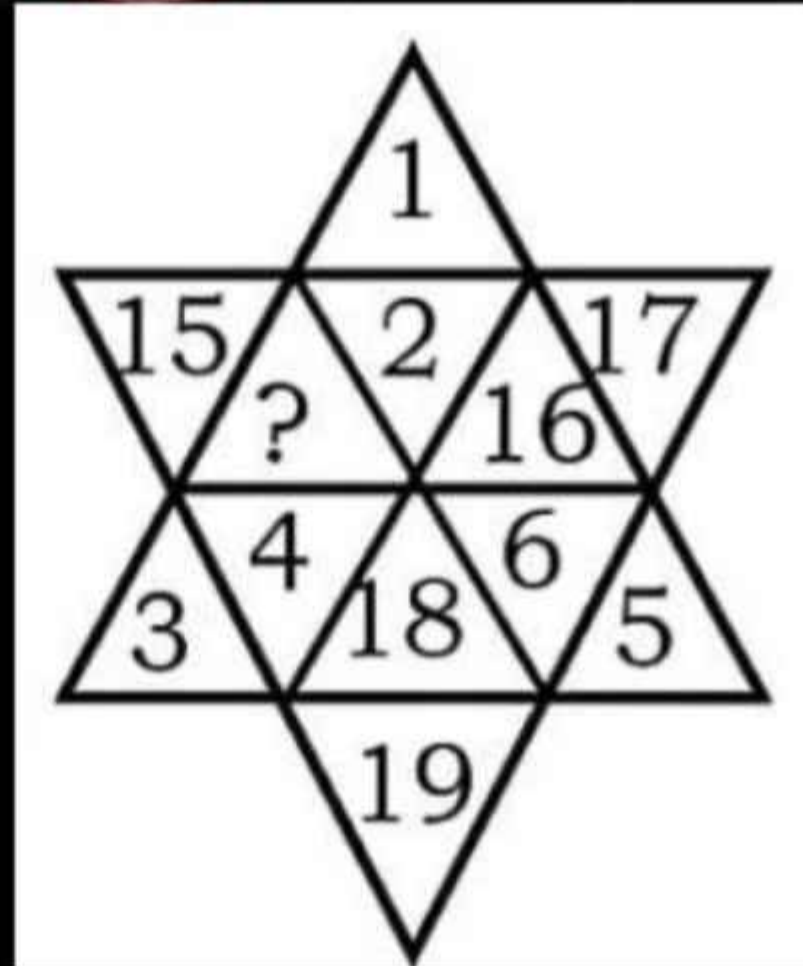
(c) 36

(b) 9 ✓

(d) 11



7.



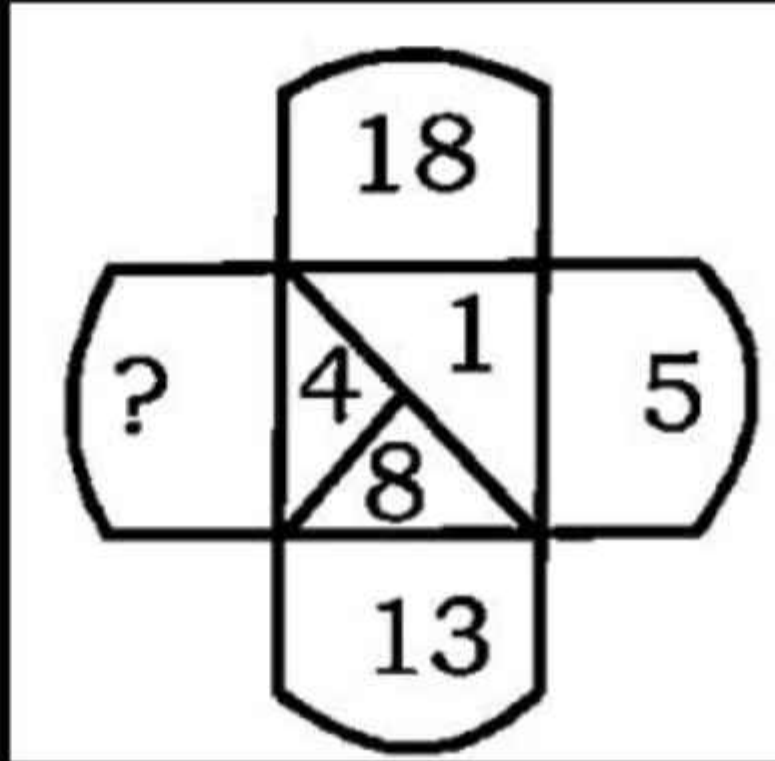
(a) 13

(b) 14

(c) 20

(d) 21

8.



$$\begin{array}{l} 5 + 8 \\ 13 + 4 \\ 17 + 1 \end{array}$$

(a) 10

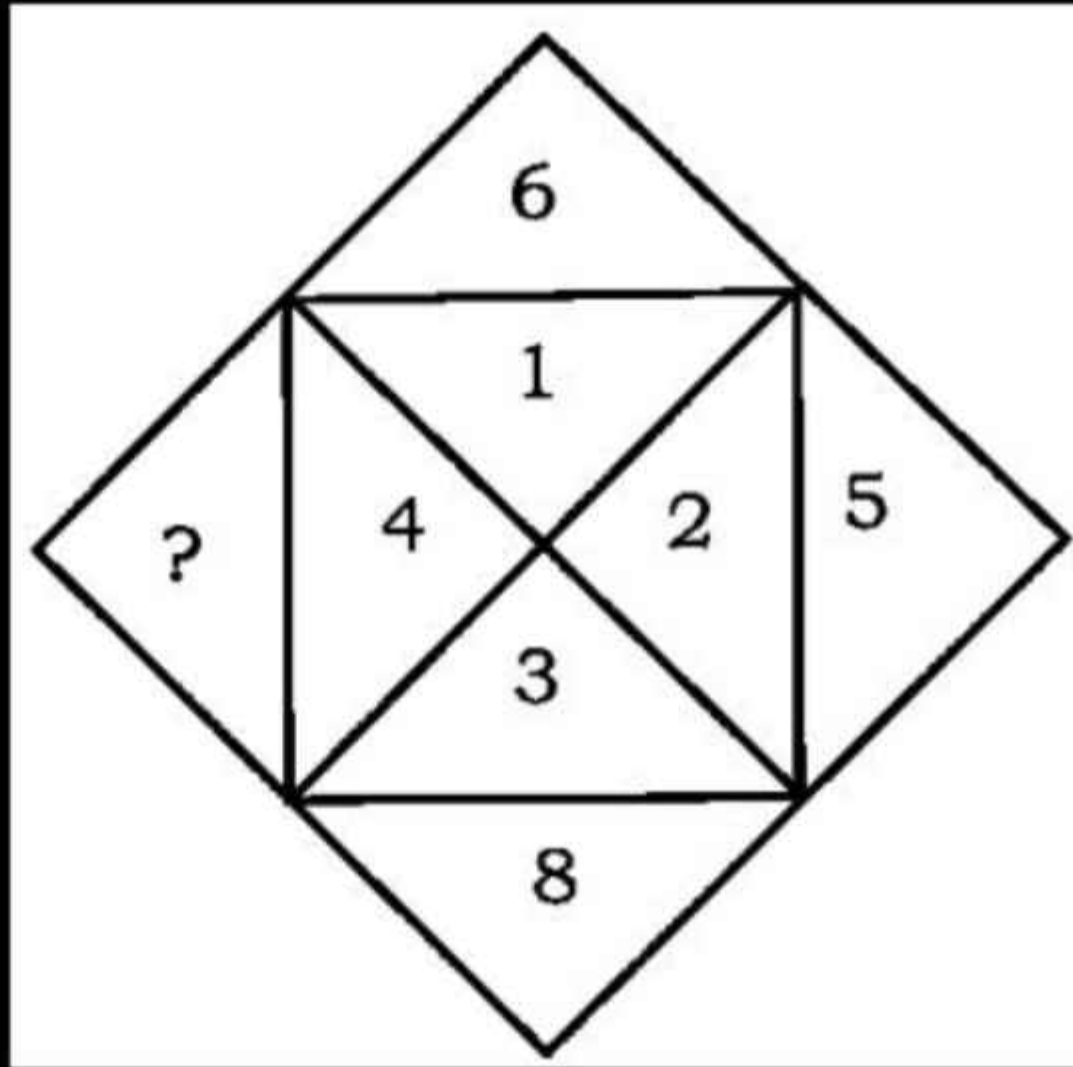
(c) 11

(b) 17

(d) 13

9.

$$\begin{aligned} 4 + (1 \times 2) &= 6 \\ 1 + (2 \times 2) &= 5 \\ 2 + (3 \times 2) &= 8 \\ 3 + (4 \times 2) &= 11 \end{aligned}$$



- (a) 10
(c) 12

- ✓
(b) 11
(d) 14



10.

$$\frac{20}{5}$$

$$\frac{30}{5}$$

$$\frac{20}{5}$$

$$\frac{25}{5}$$

(10)	25	(5)	(5)	25	(5)	(5)	25	(5)	(6)	49	(7)	
"	100	(6)	100	25	(5)	81	25	(4)	25	36	(?)	9
	(5)	25	(10)	(6)	36	(9)	(5)	25	(5)	(4)	16	(3)

(a) 2

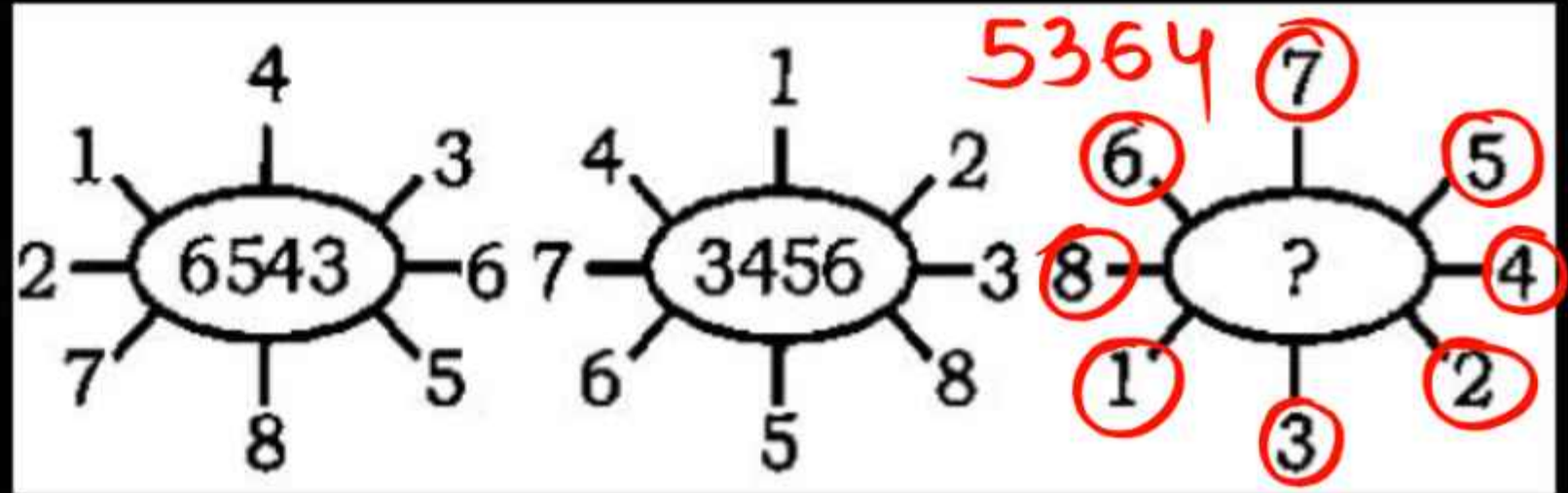
(b) 3

✓(c) 4

(d) 5

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11.



(a) 6543
✓ (c) 5364

(b) 5634
(d) 3564



12.

72		18	42		36
	49			?	
24		17	29		31

(a) 20

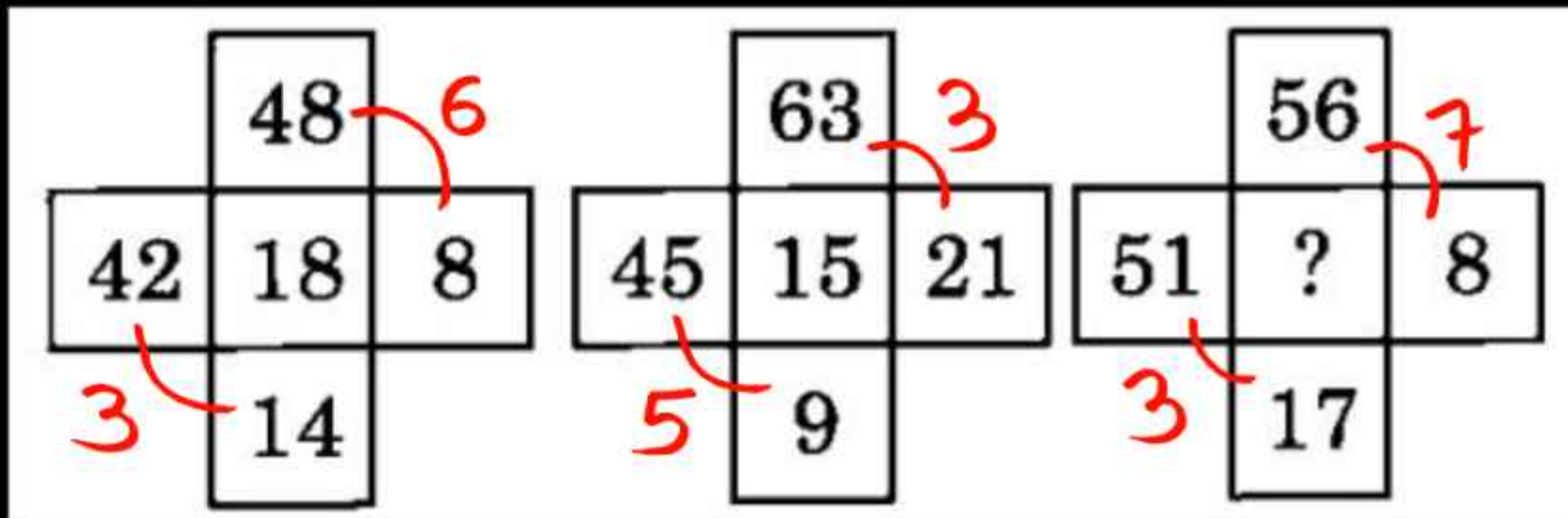
(b) 24

✓ (c) 18

(d) 36



13.



(a) 19

(b) 17

(c) 18

(d) 21





14.

$$0+6+4+5+1+3$$

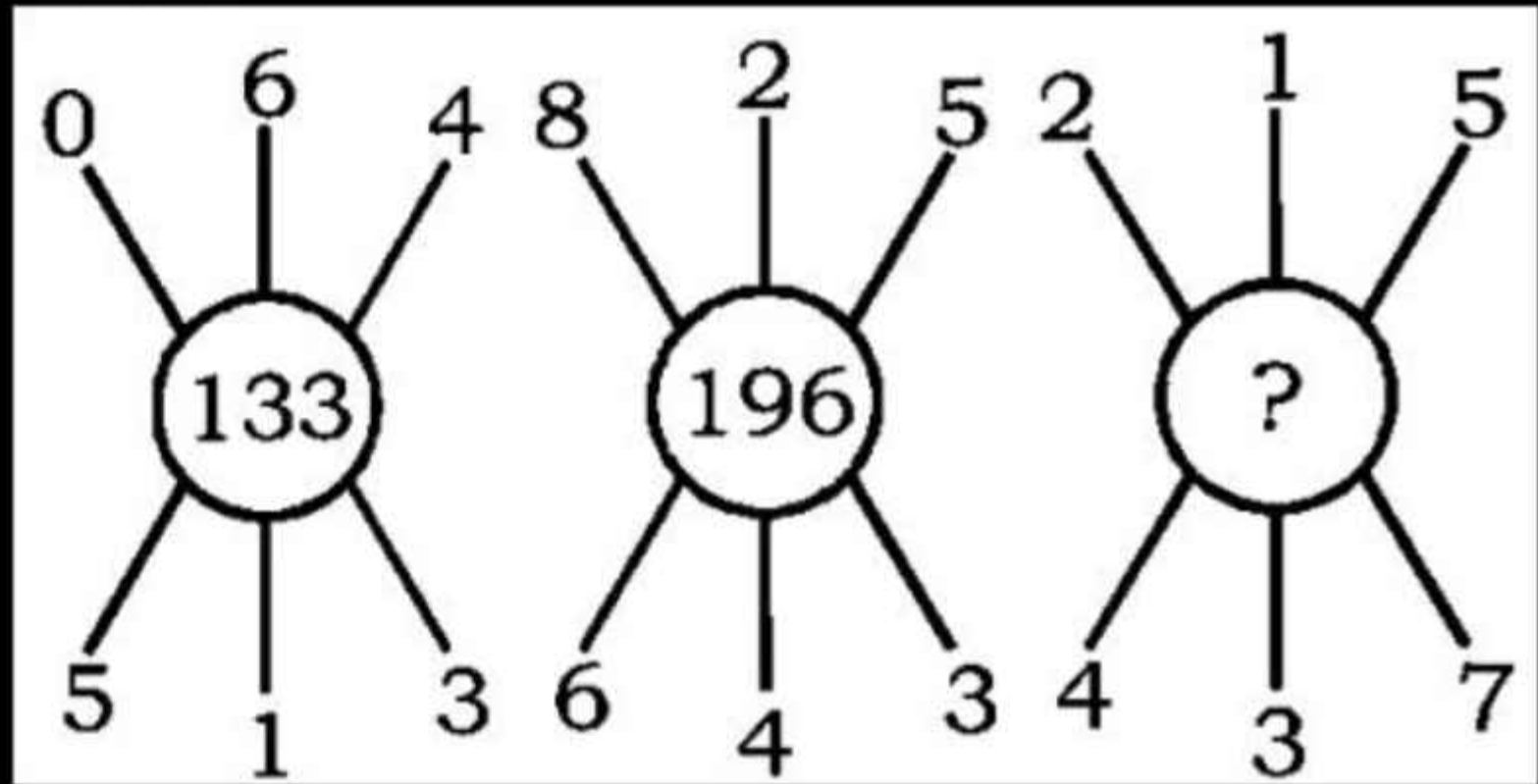
$$\begin{array}{r} 19 \\ 7 \\ \hline 133 \end{array}$$

$$8+2+5+6+4+3$$

$$\begin{array}{r} 28 \\ 7 \\ \hline 196 \end{array}$$

(a) 535
✓ (c) 154

(b) 451
(d) 702





15.



(a) 4

(b) 7

(c) 10

(d) 11