



लक्ष्य RAILWAY 2026



RRB NTPC | RRB ALP TECHNICIAN | RRB GROUP-D | RPF SI & CONSTABLE

REASONING

MISSING NUMBER

CLASS NO. : 01

सवाल ऐसा जो ग़दर मचा दे

Live : 1:00 PM



BY-D.S. BHADAURIYA SIR

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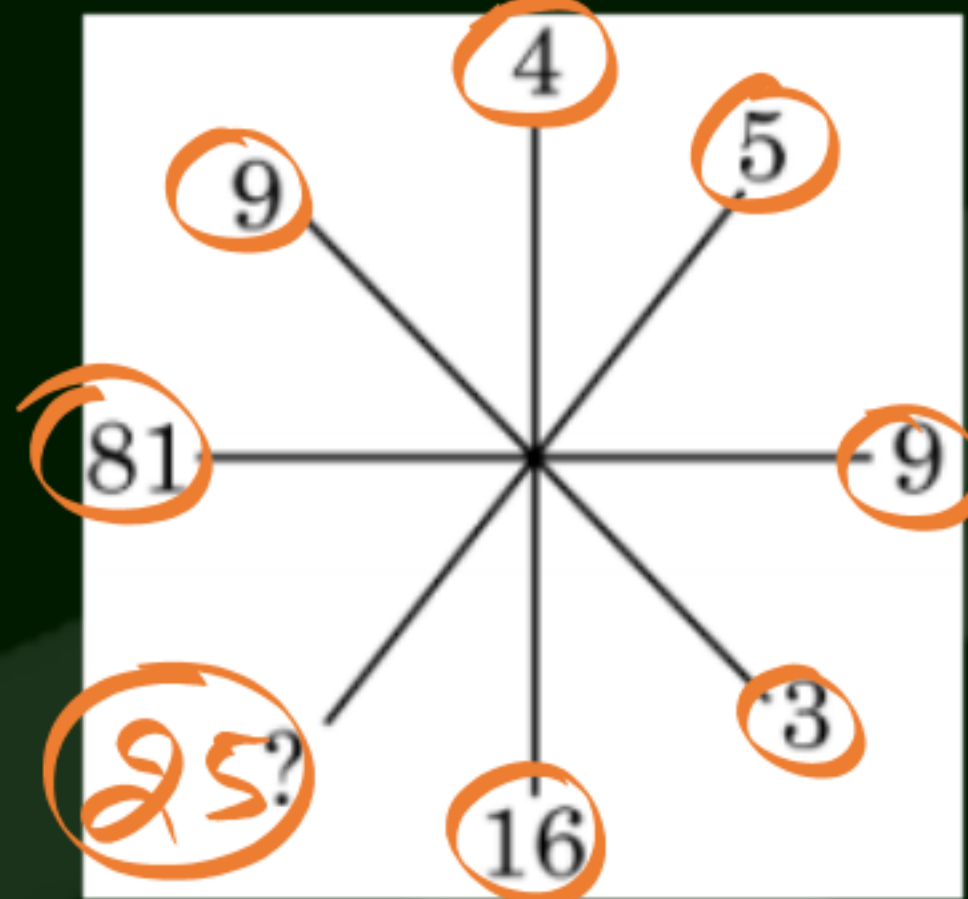
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Direction (Q * (0.1 - 40)) Find the number that will replace the question mark (?) in the given pattern.

निर्देश (प्रश्न संख्या 1 से 40) दिए गए पैटर्न का ध्यानपूर्वक अध्ययन करें और उस संख्या का चयन करें, जो प्रश्नचिह्न (?) के स्थान पर आ सकती है।

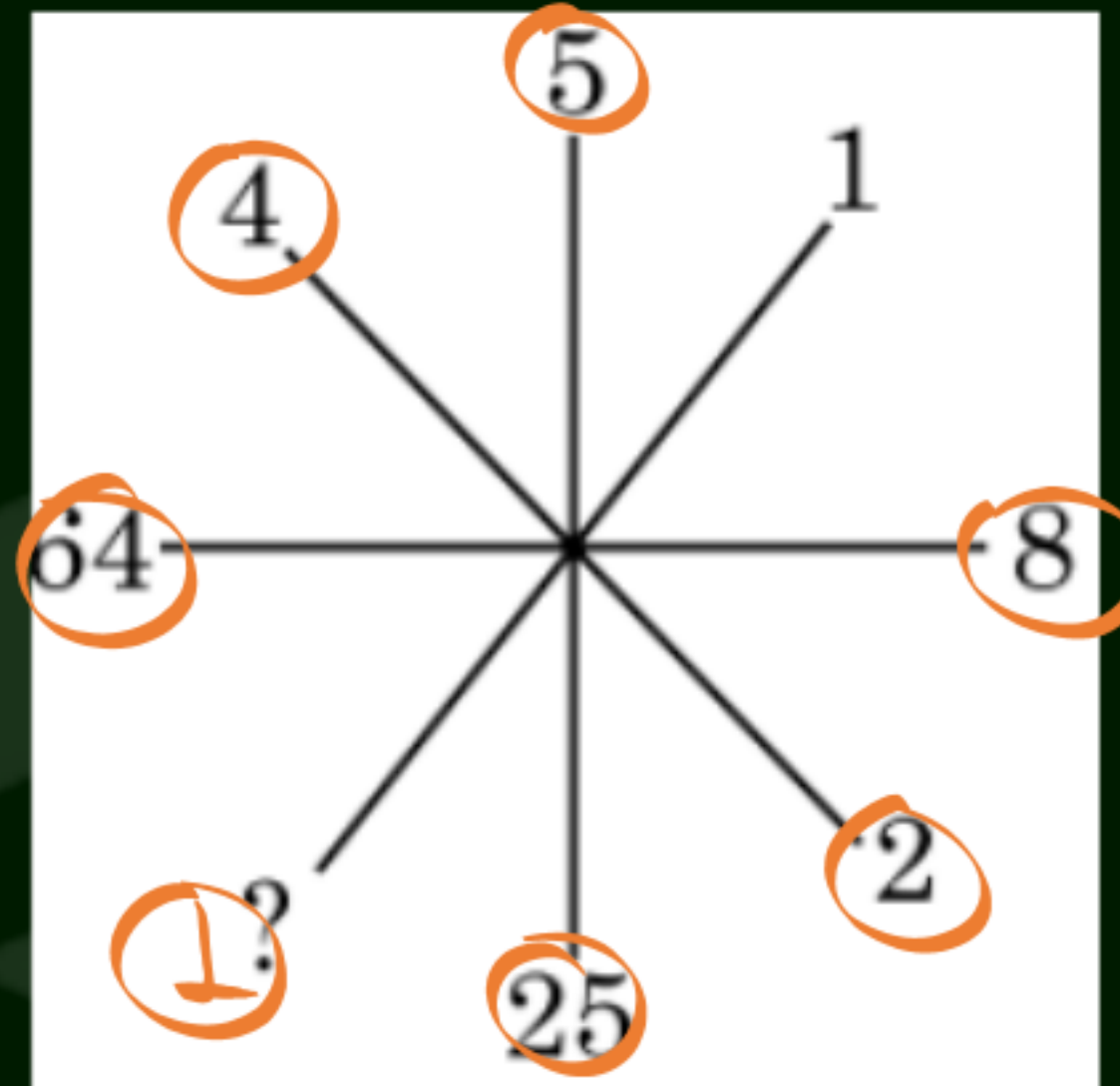
1.



- (a) 30
- (b) 40
- (c) 50
- ✓ (d) 25

(Rail Special)

2.



(Rail Special)

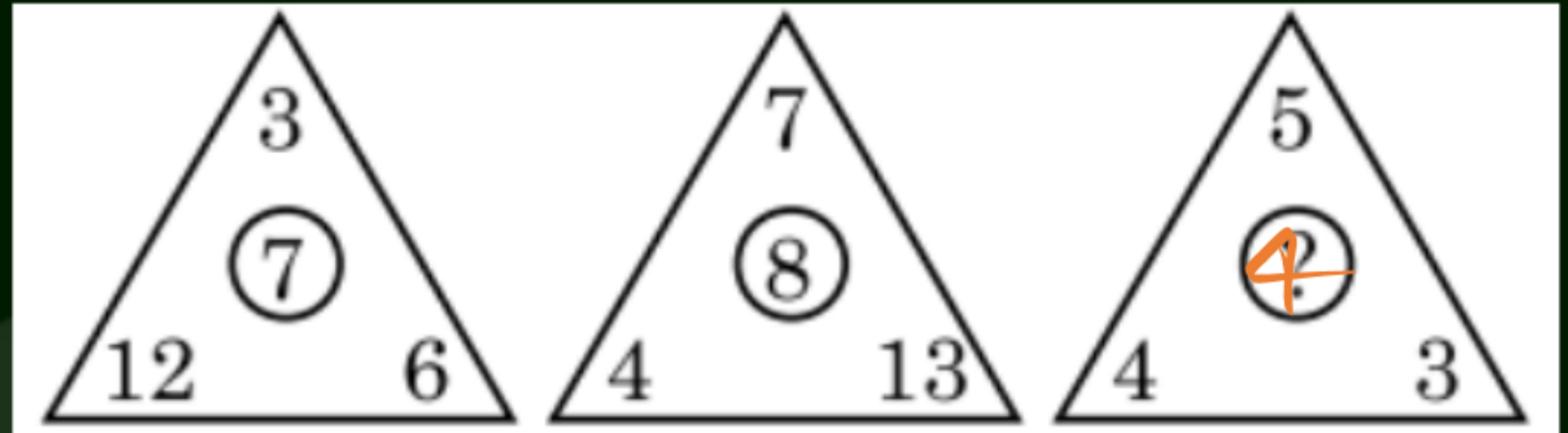
- (a) 1
- (b) 3
- (c) 4
- (d) 2

3.

$$\frac{12+6+3}{3} = \frac{21}{3} = 7$$

$$\frac{4+13+7}{3} = \frac{24}{3} = 8$$

$$\frac{4+3+5}{3} = \frac{12}{3} = 4$$



(Rail Special)

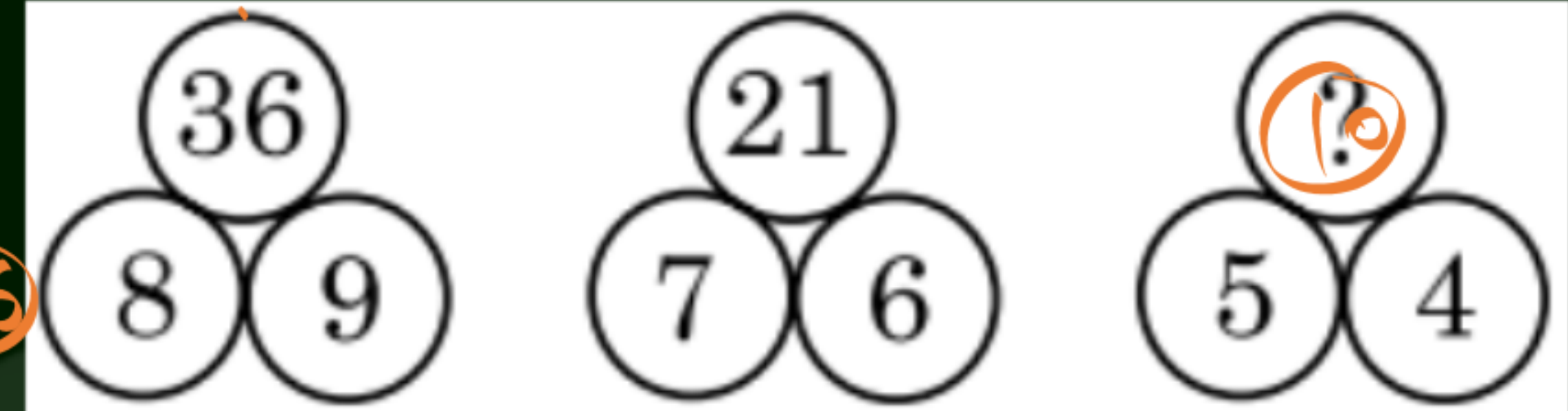
- (a) 4
- (b) 60
- (c) 9
- (d) 12

4.

$$8 \times 9 = \frac{72}{2} = 36$$

$$7 \times 6 = \frac{42}{2} = 21$$

$$5 \times 4 = \frac{20}{2} = 10$$



(Rail Special)

(a) 20

(b) 10

(c) 11

(d) 31

5.

$$6^2 + 2^2 = 36 + 4 = 40$$

$$3^2 + 4^2 = 9 + 16 = 25$$

$$8^2 + 6^2 = 64 + 36 = 100$$

(a) 100

(b) 25

(c) 28

(d) 14

6	2
40	

3	4
25	

8	6
?	

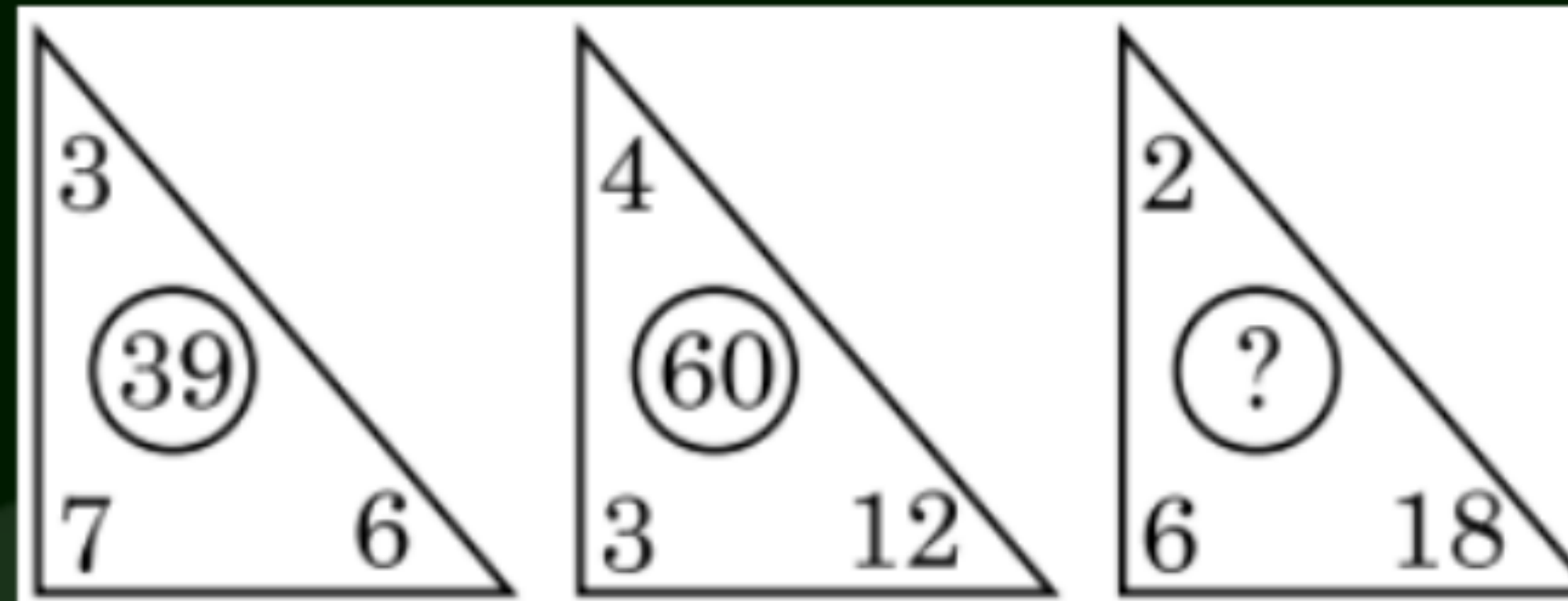
(Rail Special)

6. ✓

$$(7+6) \times 3 = 39$$

$$(3+12) \times 4 = 60$$

$$(6+18) \times 2 = 48$$



(Rail Special)

✓ (a) 48

(b) 26

(c) 30

(d) 24

7 ✓



(Rail Special)

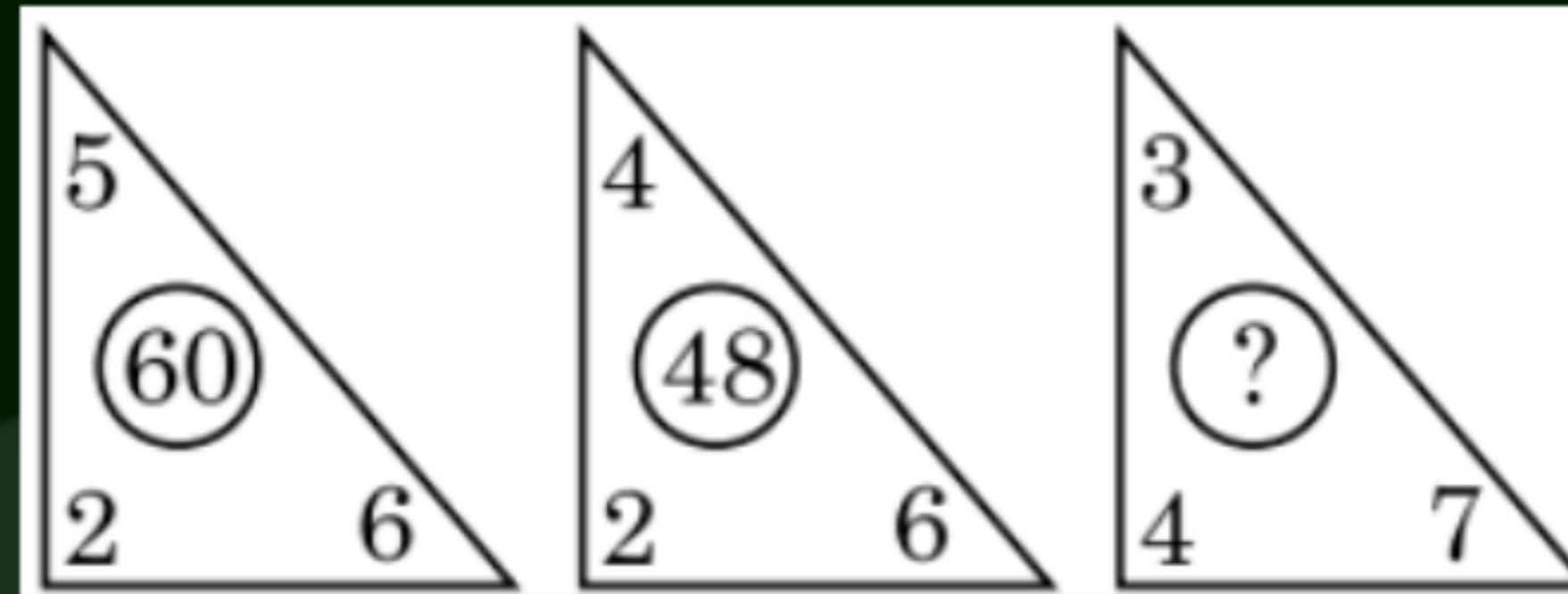
- ✓
- (a) 6
 - (b) 4
 - (c) 5
 - (d) 3

8.

$$5 \times 2 \times 6 = 60$$

$$4 \times 2 \times 6 = 48$$

$$3 \times 4 \times 7 = 84$$



(Rail Special)

(a) 108

(b) 84

(c) 86

(d) 36

9. A. 25, 39, 14
B. 18, 51, ?
C. 63, 72, 9

(Rail Special)

$$25 + 14 = 39$$

$$18 + x = 51$$

$$33$$

$$63 + 9 = 72$$

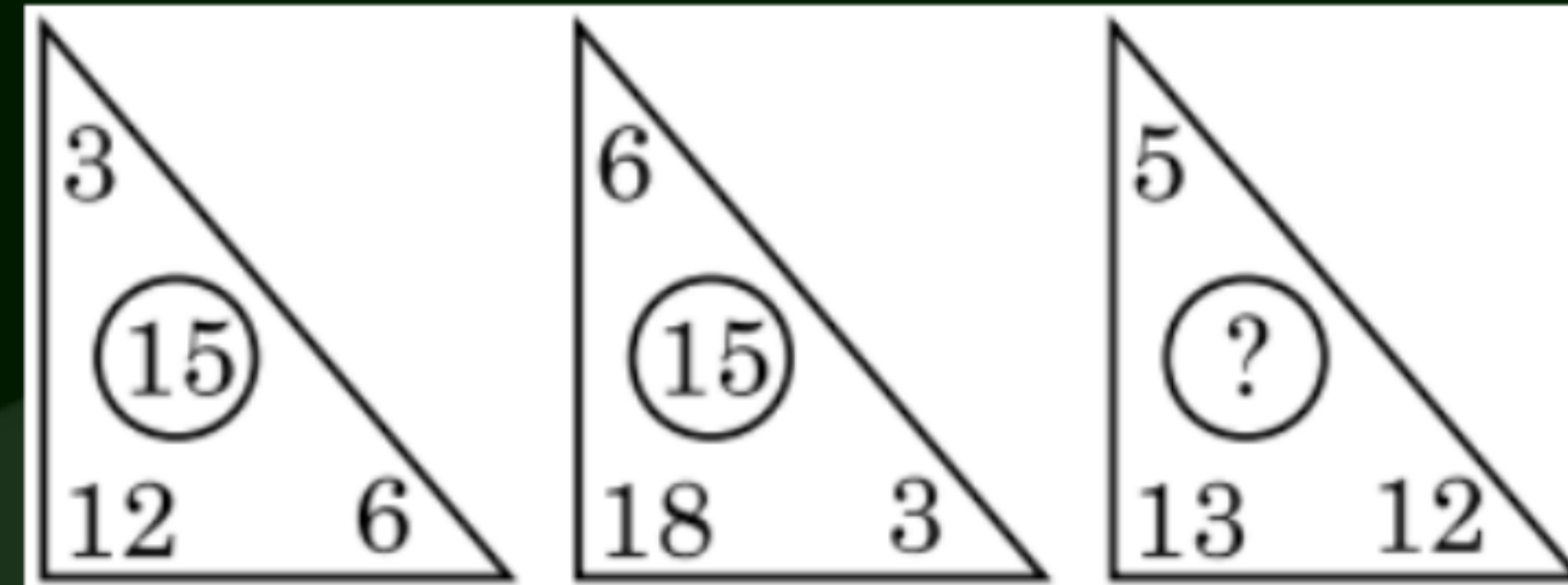
- (a) 33
(b) 42
(c) 29
(d) 38

10. ✓

$$(12+6)-3=15$$

$$(18+3)-6=15$$

$$(13+12)-5=20$$



(Rail Special)

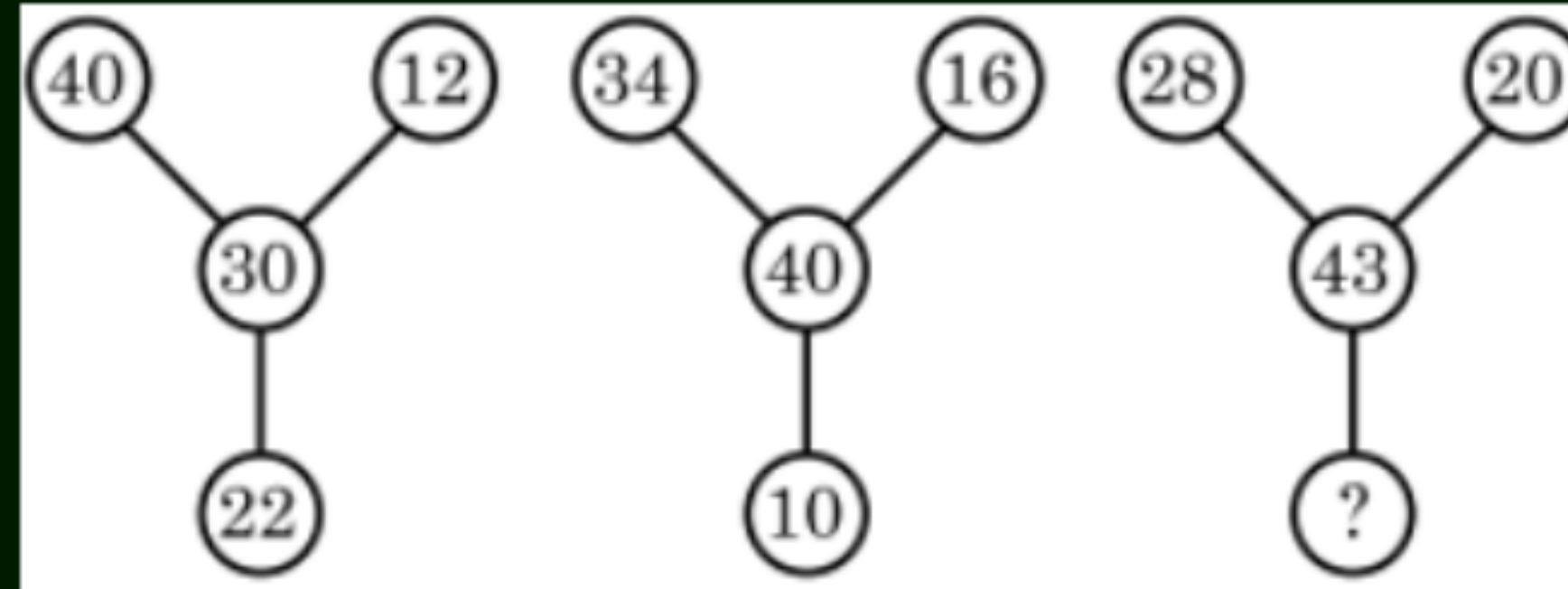
✓ (a) 20

(b) 4

(c) 30

(d) 15

11. ✓



$$\begin{array}{r} 40 + 12 = 52 \\ - 30 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 34 + 16 = 50 \\ - 40 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 28 + 20 = 48 \\ - 43 \\ \hline 05 \end{array}$$

(a) 11

(b) 5 ✓

(c) 9

(d) 7

(Rail Special)

12.

9	5	5
5	7	?
3	4	5
135	140	150

$$9 \times 5 \times 3 = 135$$

$$5 \times 7 \times 4 = 140$$

$$5 \times 2 \times 5 = 150$$

6

- (a) 6
(b) 4
(c) 10
(d) 8

(Rail Special)

13. ✓

$$4 \times 9 + 8 = 44$$

$$3 \times 7 + 6 = 27$$

$$0 \times 2 + 4 = 20$$

4	3	8
9	7	2
8	6	4
44	27	?

(a) 84

(b) 14

(c) 20

(d) 64

(Rail Special)

14.

21	18	9
42	36	18
84	72	36

(Rail Special)

(a) 24

(b) 35

(c) 36

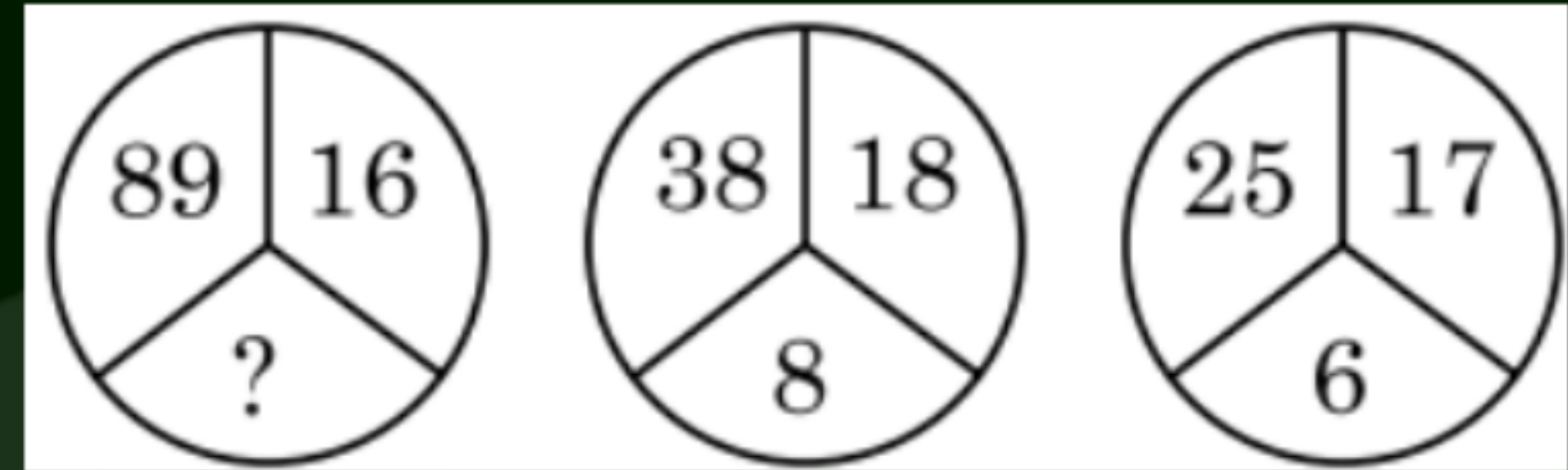
(d) 26

✓ 15.	36 ^{6²}	25 ^{5²}	16 ^{4²}	9 ^{3²}	4 ^{2²}
	361	324	289	256	225
	19 ²	18 ²	17 ²	16 ²	15 ²

(Rail Special)

- (a) 336
- (b) 298
- (c) 316
- ✓ (d) 324

16. ✓



(RRB NTPC 4-2-2021)

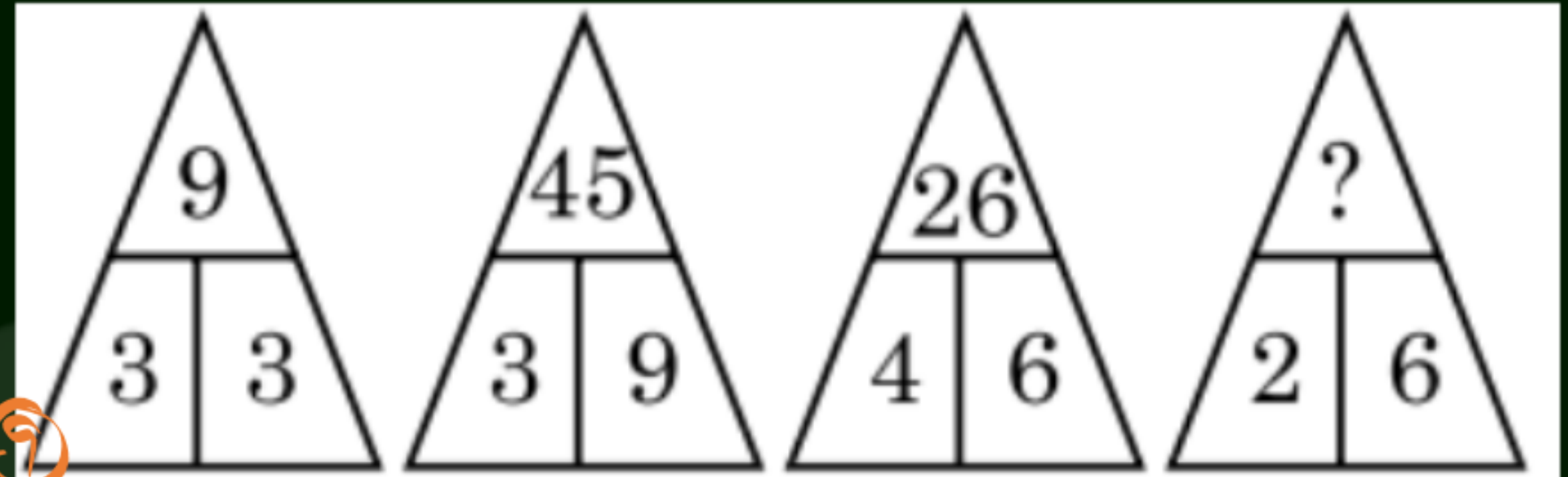
$$25 + 17 = 42 \\ \frac{42}{7} = 6$$

$$38 + 18 = 56 \\ \frac{56}{7} = 8$$

$$89 + 16 = 105 \\ \frac{105}{7} = 15$$

- (a) 17
- (b) 19
- ✓ (c) 15
- (d) 13

17.



(Rail Special)

$$3^2 + 3^2 = 9 + 9 = 18 \quad \text{---} \quad \text{Incorrect}$$

$$3^2 + 9^2 = 9 + 81 = 90 \quad \text{---} \quad \text{Incorrect}$$

$$4^2 + 6^2 = 16 + 36 = 52 \quad \text{---} \quad \text{Incorrect}$$

$$2^2 + 6^2 = 4 + 36 = 40 \quad \text{---} \quad \text{Incorrect}$$

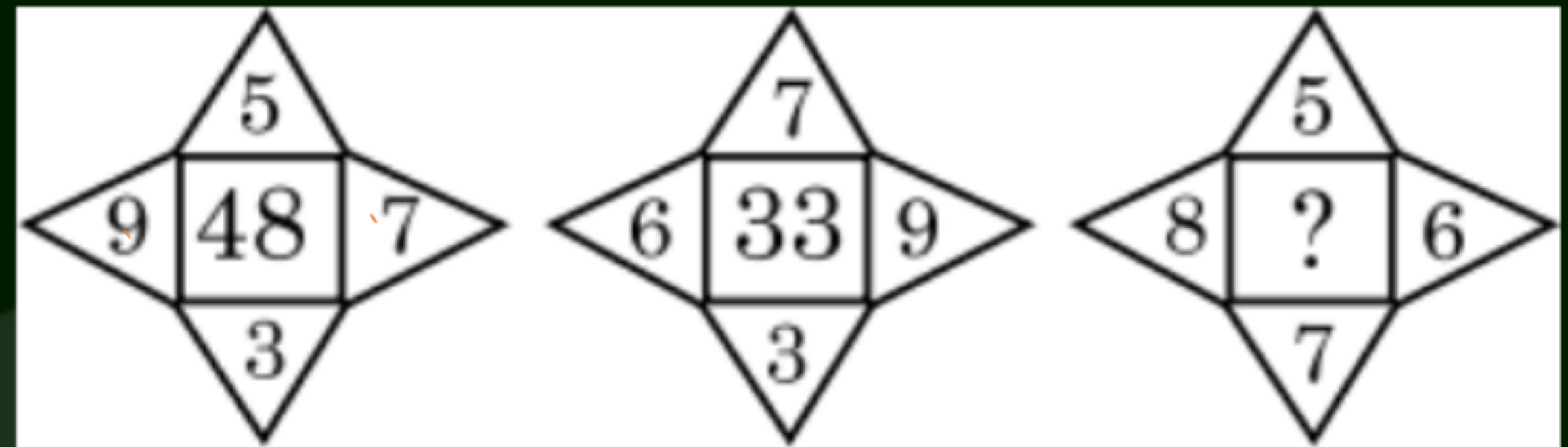
(a) 20

(b) 80

(c) 100

(d) 40

18.



(Rail Special)

$$(9 \times 7) - (5 \times 3) = 63 - 15 = 48$$

$$(6 \times 9) - (7 \times 3) = 54 - 21 = 33$$

$$(8 \times 6) - (5 \times 7) = 48 - 35 = 13$$

(a) 18

(b) 6

(c) 13

(d) 11

19.

$$5+3=\frac{8}{2}=4$$

$$3+5+1+1=\frac{10}{2}=5$$

$$\frac{2+1+6+1+3+3}{2}=\frac{16}{2}=8$$

$$\frac{2+7+3+4}{2}=\frac{16}{2}=8$$

$$3+9=\frac{12}{2}=6$$

	5	4	3			
	3	5	5	1	1	
2	1	6	8	1	3	3
	2	7	8	3	4	
	3	?	9			

(Rail Special)

- (a) 4
- (b) 9
- (c) 5
- (d) 6

**T Sum*

20.

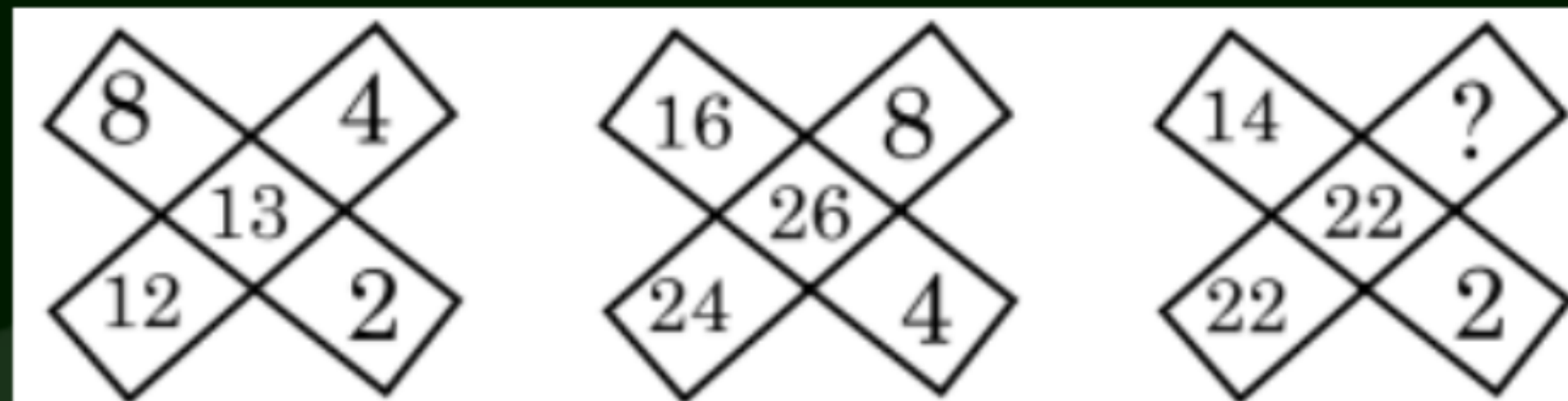
4	7	7	3
5	1	4	2
2	3	?	9
4	4	2	1

15 15 15 15

- (a) 5
- (b) 1
- (c) 11
- (d) 2

(Rail Special)

21.



$$8 + 4 + 2 + 12 = 26$$

$$\frac{26}{2} = 13$$

$$16 + 8 + 4 + 24 = 52$$

$$\frac{52}{2} = 26$$

$$14 + x + 2 + 22 = 22$$

$$\frac{22}{2}$$

$$14 + x + 2 + 22 = 44$$

$$x = 6$$

- (a) 8
- (b) 10
- (c) 12
- (d) 6

(Rail Special)



THANK YOU



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