

CHAPTER → 26

Q4.

3	0	9
5	7	3
6	2	6
15	10	?

- (a) 10 (b) 19 (c) 10 (d) 12

Solu: I → $(3+5+9) + 1 = 18$

II → $(0+7+2) + 1 = 10$

III → $(3+9+6) + 1 = 19$ Ans.

Q4.

32	?	120
16	2	256
8	4	512

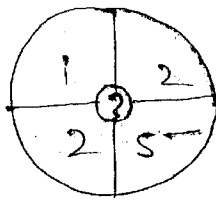
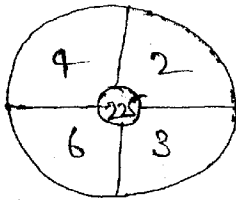
- (a) 96 (b) 10 (c) 64 (d) 45

Solu.

32	64	120
16	2	256
8	4	512

64 Ans.

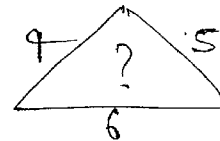
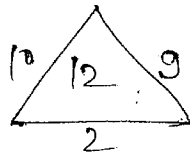
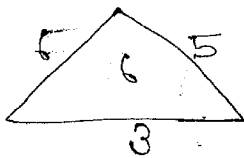
Q4.



Solu. I → $(4+3+6+9)^2 = 15^2 = 225$

II → $(2+2+5+4)^2 = 10^2 = 100$ Ans.

Q4.

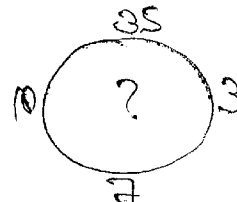
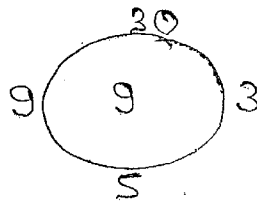
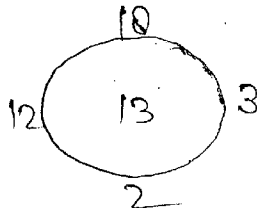


Solu. I → $\frac{6 \times 5 \times 3}{15} = \frac{90}{15} = 6$

II → $\frac{10 \times 2 \times 9}{15} = \frac{180}{15} = 12$

III → $\frac{4 \times 6 \times 5}{15} = \frac{120}{15} = 8$ Ans.

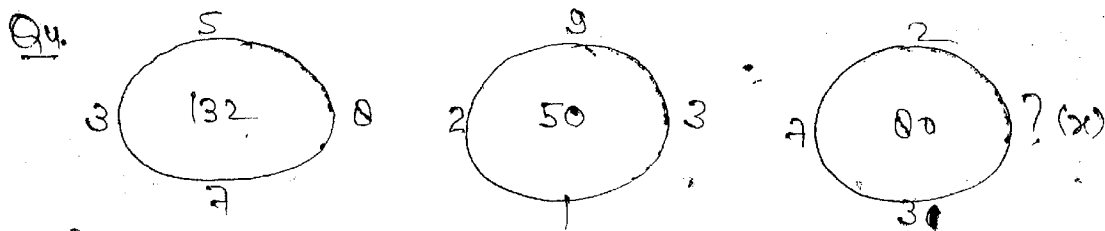
Q4.



Solu. I → $(12 \div 3) + (10 \div 2) = 4 + 9 = 13$

II → $(9 \div 3) + (30 \div 5) = 3 + 6 = 9$

III → $(10 \div 3) + (35 \div 7) = 6 + 5 = 11$ Ans.

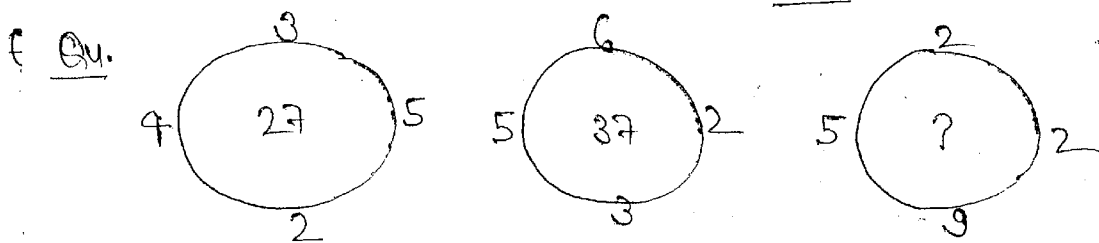


Solu. I $\rightarrow (3+0) \times (5+2) = 11 \times 12 = 132$
 II $\rightarrow (2+3) \times (9+3) = 5 \times 10 = 50$
 III $\rightarrow (2+3) \times (2+3) = 00$
 $(2+x) = 16$
 $x = 14$ Ans.

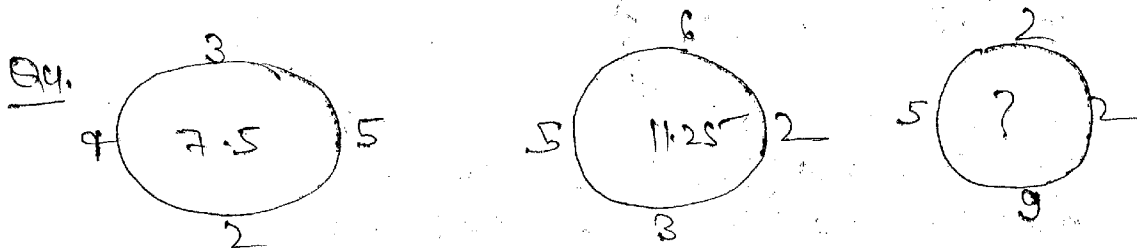
Q5.

4	1	9
6	4	28
9	?	48

Solu. I $\rightarrow (4 \times 2) + (1)^2 = 8 + 1 = 9$
 II $\rightarrow (6 \times 2) + (4)^2 = 12 + 16 = 28$
 III $\rightarrow (9 \times 2) + (x)^2 = 48$
 $x^2 = 48 - 18 = 30$
 $x = \sqrt{30}$ Ans.



Solu. I $\rightarrow \frac{(4)^2 + (5)^2 + (3)^2 + 2^2}{2} = \frac{16 + 25 + 9 + 4}{2} = 27$
 II $\rightarrow \frac{(5)^2 + (2)^2 + (6)^2 + 3^2}{2} = \frac{25 + 4 + 36 + 9}{2} = 37$
 III $\rightarrow \frac{(2)^2 + (2)^2 + (25) + 9^2}{2} = \frac{4 + 4 + 25 + 81}{2} = \frac{114}{2} = 57$ Ans.



Solu. I $\rightarrow \frac{3 \times 4 \times 5 \times 2}{16} = \frac{120}{16} = 7.5$
 II $\rightarrow \frac{6 \times 2 \times 5 \times 3}{16} = \frac{180}{16} = 11.25$
 III $\rightarrow \frac{5 \times 2 \times 2 \times 9}{16} = \frac{180}{16} = 11.25$ Ans.

Q4. यदि $\left. \begin{array}{l} + \rightarrow - \\ - \rightarrow \times \\ \times \rightarrow \div \\ \div \rightarrow + \end{array} \right\}$ हो तो $10 \times 5 \div 3 - 2 + 3 = ?$

Solu. $10 \times 5 \div 3 - 2 + 3 = ?$

प्रयोगात् $\Rightarrow 10 \div 5 + 3 \times 2 - 3$

$\Rightarrow 2 + 6 - 3$

$\Rightarrow 8 - 3 = \boxed{5}$ Ans.