

लुप्त संख्या (Missing Number)

→ निम्न लिखित पैटर्न का व्यानुपूर्वक अध्ययन करे और दिए गए विकल्पों में से उस संख्या का चयन करें जो प्रश्नवाचक चिन्ह (?) के स्थान पर आ सकती है—

(1).
$$\begin{array}{|c|c|c|} \hline 18 & 24 & 19 \\ \hline 7 & 8 & 9 \\ \hline 8 & 11 & 14 \\ \hline 17 & ? & 14 \\ \hline \end{array}$$
 Logic पहली संख्या + दूसरी संख्या = तीसरी संख्या

$$\begin{array}{l} 18+7 = 24+8 = 32-11 = 21 \text{ Ans} \\ \hline \end{array}$$

(2).
$$\begin{array}{|c|c|c|} \hline 13 & 26 & 39 \\ \hline 30 & 42 & ? \\ \hline 17 & 16 & 15 \\ \hline \end{array}$$
 Logic पहली संख्या + तीसरी संख्या = दूसरी संख्या

$$\begin{array}{l} 13+17 = 26+16 = 42 \text{ Ans} \\ \hline 30+15 = 39+15 = 54 \text{ Ans} \\ \hline \end{array}$$

(3).
$$\begin{array}{|c|c|c|} \hline 10 & 5 & 20 \\ \hline 20 & 10 & 40 \\ \hline 40 & 20 & ? \\ \hline \end{array}$$
 Logic $(10 \times 2) + (5 \times 2) = 80$ Ans

ROJGAR WITH ANKIT

(4).
$$\begin{array}{c|c|c} 125 & (5)^3 & \\ \hline 125 & 5 & 3 \\ \hline 128 & 2 & 7 \\ \hline 121 & 11 & 2 \end{array} \Rightarrow (2)^7 \rightarrow 128$$

 $121 \leftarrow (11)^2$

(5).
$$\begin{array}{c|c|c} (5)^2 & (7)^2 & (12)^2 \\ \hline 25 & 49 & 144 \\ \hline (6)^2 & 64 & 196 (14)^2 \\ \hline 36 & 8 & ? \\ \hline 121 & 225 & ? \\ (11)^2 & (15)^2 & 676 \\ \hline \text{Ans} & (26)^2 & \end{array}$$

(6).
$$\begin{array}{c|c|c} 12 & 30 & 18 \\ \hline 18 & 45 & 27 \\ \hline 24 & ? & 24 \\ \hline 12 + 18 = 30 & & \end{array}$$
 Logic पहली संख्या + तीसरी संख्या = बीच की संख्या
 $18 + 27 = 45$
 $24 + 24 = 48$ Ans

(7).
$$\begin{array}{c|c|c} 7 & 8 & 9 \\ \hline 4 & 2 & ?(3) \\ \hline 407 & 520 & 756 \end{array}$$
 Logic $(\text{पहली संख्या})^3 + (\text{दूसरी संख्या})^3 = \text{तीसरी संख्या}$
 $(7)^3 + (4)^3 = 343 + 64 = 407$
 $(8)^3 + (2)^3 = 512 + 8 = 520$
 $(9)^3 + (3)^3 = 729 + 27 = 756$

(8).
$$\begin{array}{c|c|c} 3 & 13 & 4 \\ \hline 4 & 27 & 11 \\ \hline 6 & ? & 31 \end{array}$$
 Logic $(\text{पहली संख्या})^2 + \text{तीसरी संख्या} = \text{बीच की संख्या}$
 $(3)^2 + 4 = 13$
 $(4)^2 + 11 = 27$
 $(6)^2 + 31 = 67$ Ans

(9).
$$\begin{array}{c|c|c} 5 & 6 & 7 \\ \hline 8 & 7 & 9 \\ \hline 189 & 265 & ? \end{array}$$
 Logic $(\text{पहली संख्या})^3 + (\text{दूसरी संख्या})^2 = \text{तीसरी संख्या}$
 $(5)^3 + (8)^2 = 125 + 64 = 189$
 $(6)^3 + (7)^2 = 216 + 49 = 265$
 $(7)^3 + (9)^2 = 343 + 81 = 424$ Ans

ROJGAR WITH ANKIT

(10).
$$\begin{array}{r|rr|rr} 4, & 7 & 11 & \text{Logic} & \text{पहली संख्या} + (\text{दूसरी संख्या})^3 = \text{तीसरी संख्या} \\ \hline 5 & 3 & 4 & & \\ ? & 34 & 75 & & \end{array}$$

$7 + (3)^3 = 7 + 27 = 34$
 $11 + (1)^3 = 11 + 1 = 12$
 $4 + (5)^3 = 4 + 125 = 129 \text{ Ans}$

(11).
$$\begin{array}{r|rr|rr} 12, & 15 & ? & \text{Logic} & (\text{पहली संख्या})^2 - (\text{दूसरी संख्या})^2 = \text{तीसरी संख्या} \\ \hline 8, & 7 & 11 & & \\ 80, & 176 & 240 & & \end{array}$$

$(12)^2 - (8)^2 = 144 - 64 = 80$
 $(15)^2 - (7)^2 = 225 - 49 = 176$
 $(19)^2 - (11)^2 = 361 - 121 = 240 \text{ Ans}$

(12).
$$\begin{array}{r|rr|rr} 15 & 12 & 81 & \text{Logic} & (\text{पहली संख्या})^2 - (\text{दूसरी संख्या})^2 = \text{तीसरी संख्या} \\ \hline 17 & 14 & 93 & & \\ 15 & 11 & ? & & \end{array}$$

$(15)^2 - (12)^2 = 225 - 144 = 81$
 $(17)^2 - (14)^2 = 289 - 196 = 93$
 $(15)^2 - (11)^2 = 225 - 121 = 104 \text{ Ans}$

(13).
$$\begin{array}{r|rr|rr} 9 & 12 & 48 & & \\ \hline 17 & 20 & 80 & & \\ 33 & 36 & ? & 144 \text{ Ans} & \\ & & \times 4 & & \end{array}$$

(14).
$$\begin{array}{|c|c|} \hline 3 & 6 \\ \hline 2 & 1 \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline 9 & 2 \\ \hline 2 & 1 \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline 3 & 3 \\ \hline 2 & ? \\ \hline \end{array} \quad (2) \text{ Ans}$$

(15).
$$\begin{array}{|c|c|} \hline 1 & 2 \\ \hline 3 & 4 \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline 2 & 6 \\ \hline 1 & 2 \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline 2 & 2 \\ \hline 1 & ? \\ \hline \end{array} \quad (6) \text{ Ans}$$

$1 \times 2 \times 4 \times 3 = 24$
 $2 \times 6 \times 2 \times 1 = 24$
 $2 \times 2 \times 6 \times 1 = 24$

ROJGAR WITH ANKIT

Missing Number

PART→2

→ दिए गए पैटर्न का ध्यानपूर्वक अध्ययन करें और उस संख्या का चयन करें, जो प्रश्न चिन्ह (?) की जगह आ सकती है-

(1).

15	3	24
21	6	30
49	5	?

Logic पहली संख्या - दूसरी संख्या = वैल्यू का दोगुना

$$15 - 3 = 12 \times 2 = 24$$

$$21 - 6 = 15 \times 2 = 30$$

$$49 - 5 = 44 \times 2 = 88$$

(2).

7	6	3	48
4	9	8	63
2	5	7	?

Logic पहली संख्या + दूसरी संख्या + तीसरी संख्या = वैल्यू $\times 3$

$$7 + 6 + 3 = 16 \times 3 = 48$$

$$4 + 9 + 8 = 21 \times 3 = 63$$

$$2 + 5 + 7 = 14 \times 3 = 42$$

(3).

26
4 6

$$\frac{(4)^2 + (6)^2}{2} = \frac{16 + 36}{2}$$

$$\frac{52}{2} \quad \textcircled{26}$$

25
7 1

$$\frac{(7)^2 + (1)^2}{2} = \frac{49 + 1}{2}$$

$$\frac{50}{2} \quad \textcircled{25}$$

?	17
5	3

$$\frac{(5)^2 + (3)^2}{2} = \frac{25 + 9}{2}$$

$$\frac{34}{2} \quad \textcircled{17}$$

ROJGAR WITH ANKIT

(4).

$$\begin{array}{|c|c|} \hline 15 & \\ \hline 5 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline 18 & \\ \hline 4 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline ? & \\ \hline 6 & 7 \\ \hline \end{array}$$

$$\frac{5 \times 6}{2}$$

$$\frac{30}{2} \quad (15)$$

$$\frac{4 \times 9}{2}$$

$$\frac{36}{2} \quad (18)$$

$$\frac{6 \times 7}{2}$$

$$\frac{42}{2} \quad (21)$$

(5).

$$\begin{array}{c} 12 \\ \diagup \quad \diagdown \\ 8 \end{array}$$

$$\begin{array}{c} 16 \\ \diagup \quad \diagdown \\ 6 \end{array}$$

$$\begin{array}{c} 25 \\ \diagup \quad \diagdown \\ ? \end{array}$$

$$(12)^2 - (8)^2$$

$$144 - 64$$

$$= 80$$

$$(16)^2 - (6)^2$$

$$256 - 36$$

$$= 220$$

$$(25)^2 - (20)^2$$

$$625 - 400$$

$$= 225$$

(6).

$$\begin{array}{c} 7 \\ \diagup \quad \diagdown \\ 169 \\ \diagup \quad \diagdown \\ 6 \end{array}$$

$$7+6=(13)^2$$

$$= 169$$

$$\begin{array}{c} 9 \\ \diagup \quad \diagdown \\ 121 \\ \diagup \quad \diagdown \\ 2 \end{array}$$

$$9+2=(11)^2$$

$$= 121$$

$$\begin{array}{c} 9 \\ \diagup \quad \diagdown \\ ? \\ \diagup \quad \diagdown \\ 7 \end{array}$$

$$9+7=(16)^2$$

$$= 256$$

(7).

$$\begin{array}{c} 5 \\ \triangle \\ 2 \quad 8 \end{array}$$

$$\begin{array}{l} 2+8-5 \\ 10-5 \\ = 5 \end{array}$$

$$\begin{array}{c} 3 \\ \triangle \\ 9 \quad 10 \end{array}$$

$$\begin{array}{l} 9+10-3 \\ 19-3 \\ = 16 \end{array}$$

$$\begin{array}{c} 1 \\ \triangle \\ 7 \quad 8 \end{array}$$

$$\begin{array}{l} 7+8-1 \\ 15-1 \\ = 14 \text{ Ans} \end{array}$$

(8).

$$\begin{array}{c} 600 \\ \triangle \\ 25 \quad 5 \end{array}$$

$$\begin{array}{l} (25-5)(25+5) \\ 20 \times 30 \\ = 600 \end{array}$$

$$\begin{array}{c} 720 \\ \triangle \\ 27 \quad 3 \end{array}$$

$$\begin{array}{l} (27-3)(27+3) \\ 24 \times 30 \\ = 720 \end{array}$$

$$\begin{array}{c} 880 \\ \triangle \\ 31 \quad 9 \end{array}$$

$$\begin{array}{l} (31-9)(31+9) \\ 22 \times 40 \\ = 880 \end{array}$$

(9).

$$\begin{array}{c} 131 \\ \triangle \\ 5 \quad 6 \end{array}$$

$$\begin{array}{c} 348 \\ \triangle \\ 7 \quad 5 \end{array}$$

$$\begin{array}{c} ? \\ \triangle \\ 9 \quad 8 \end{array}$$

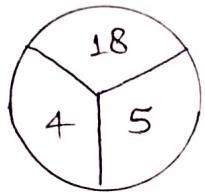
ROJGAR WITH ANKIT

$$(5)^3 + 6 \\ = 131$$

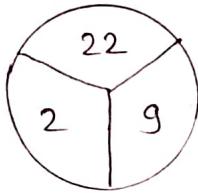
$$(7)^3 + 5 \\ = 348$$

$$(3)^3 + 8 \\ = 737$$

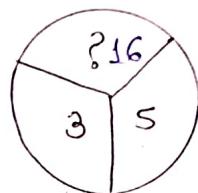
(10).



$$4 + 5 = 9 \\ = 9 \times 2 = 18$$



$$2 + 9 = 11 \\ = 11 \times 2 = 22$$



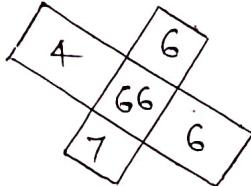
$$3 + 5 = 8 \\ = 8 \times 2 = 16$$

ROJGAR WITH ANKIT

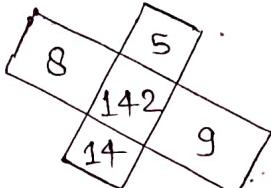
Missing Number

PART-3

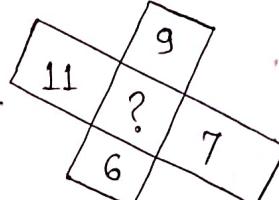
(1).



$$\begin{aligned} 4 \times 6 &= 24 \\ 7 \times 6 &= 42 \\ \hline 66 & \end{aligned}$$

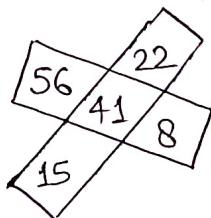


$$\begin{aligned} 8 \times 9 &= 72 \\ 14 \times 5 &= 70 \\ \hline 142 & \end{aligned}$$

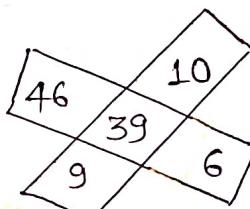


$$\begin{aligned} 9 \times 6 &= 54 \\ 11 \times 7 &= 77 \\ \hline 131 & \text{Ans} \end{aligned}$$

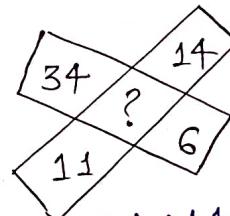
(2).



$$\begin{aligned} 56 + 15 &= 71 \\ 22 + 8 &= 30 \\ \hline 41 & \end{aligned}$$



$$\begin{aligned} 46 + 9 &= 55 \\ 10 + 6 &= 16 \\ \hline 39 & \end{aligned}$$



$$\begin{aligned} 34 + 11 &= 45 \\ 14 + 6 &= 20 \\ \hline 25 & \text{Ans} \end{aligned}$$

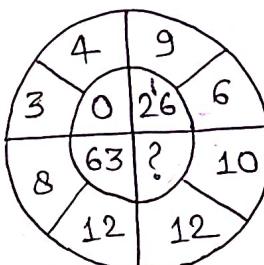
(3).

$$\begin{aligned} 4 - 3 &= (1)^3 - 1 \\ &= 0 \end{aligned}$$

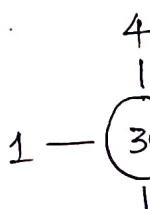
$$\begin{aligned} 9 - 6 &= (3)^3 - 1 \\ &= 26 \end{aligned}$$

$$\begin{aligned} 12 - 8 &= (4)^3 - 1 \\ &= 63 \end{aligned}$$

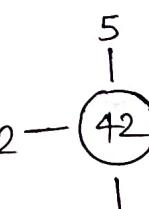
$$\begin{aligned} 12 - 10 &= (2)^3 - 1 \\ &= 7 \text{ Ans} \end{aligned}$$



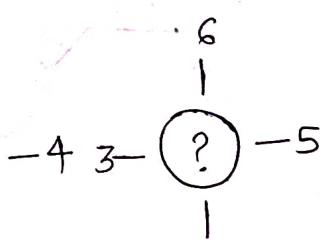
(4).



$$\begin{aligned} 1 + 4 + 3 + 2 &= 10 \times 3 \\ &= 30 \end{aligned}$$



$$\begin{aligned} 2 + 5 + 4 + 3 &= 14 \times 3 \\ &= 42 \end{aligned}$$



$$\begin{aligned} 3 + 6 + 5 + 4 &= 18 \times 3 \\ &= 54 \\ \text{Ans} & \end{aligned}$$

ROJGAR WITH ANKIT

(5).

$$3 \begin{array}{c} 3 \\ | \\ 63 \\ | \\ 5 \end{array} 4$$

$$6 \begin{array}{c} 4 \\ | \\ 66 \\ | \\ 3 \end{array} 5$$

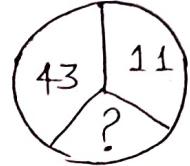
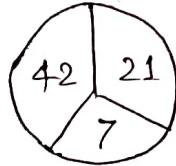
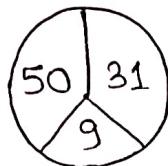
$$6 \begin{array}{c} 7 \\ | \\ ? \\ | \\ 5 \end{array} 3$$

$$5 \times 4 \times 3 = 60 \\ \underline{+ 3} \\ \underline{\underline{63}}$$

$$3 \times 5 \times 4 = 60 \\ \underline{+ 6} \\ \underline{\underline{66}}$$

$$5 \times 3 \times 7 = 105 \\ \underline{+ 6} \\ \underline{\underline{111}} \text{ Ans}$$

(6).

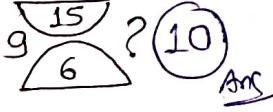
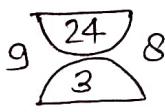
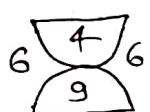


$$50 + 31 = 81 \cancel{9} \text{ (9)}$$

$$42 + 21 = 63 \cancel{9} \text{ (7)}$$

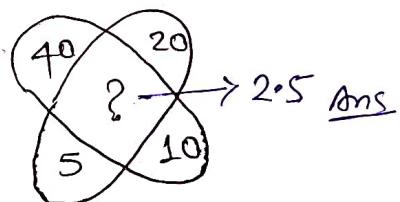
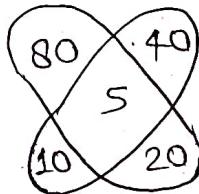
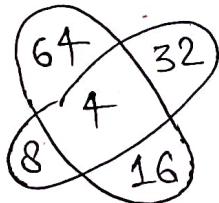
$$43 + 11 = \frac{54}{9} = \text{ (6)} \text{ Ans}$$

(7).



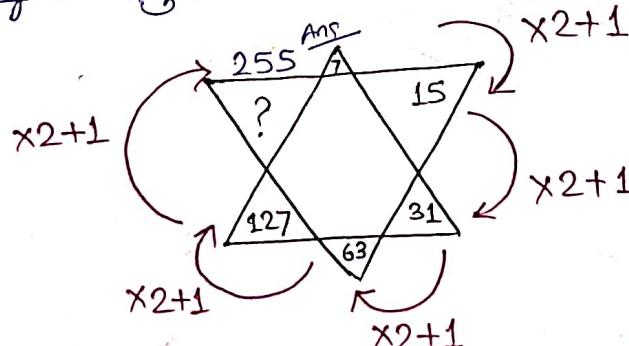
Logic आमने-सामने की शृणा बराबर

(8).



Logic दोगुना संख्याओं का.

(9).



1.

40	32	72	12
30	24	54	9
54	?	90	15

- (a) 46 (b) 48
 (c) 36 (d) 49

2.

4	8	20
9	3	15
6	6	?

- (a) 22 (b) 18
 (c) 16 (d) 24

3.

2	2	4
3	8	16
6	?	36

- (a) 32 (b) 15
 (c) 48 (d) 18

4.

25	15	40	8
65	25	90	?
45	15	60	12

- (a) 12 (b) 18
 (c) 24 (d) 6

5.

2	4	2
3	9	3
4	16	4

8	64	?
---	----	---

- (a) 24 (b) 8
 (c) 9 (d) 16

6.

7	5	3
8	4	9
2	8	?
112	160	162

- (a) 6 (b) 4
 (c) 12 (d) 8

7.

5	4	3
6	7	8
4	2	?
34	30	30

- (a) 10 (b) 6
 (c) 5 (d) 3

8.

2	3	8
4	5	10
6	7	12
32	50	?

- (a) 30 (b) 128
 (c) 92 (d) 200

9.

18	21	24
3	9	3
6	4	8

21	26	?
----	----	---

(a) 24 (b) 27

(c) 29 (d) 22

10.

4	3	2	8	32
5	3	1	9	24
7	3	3	7	70
2	9	4	12	?

(a) 120 (b) 84

(c) 27 (d) 60

11.

1	216	343
8	125	512
27	64	?
35	401	1575

(a) 729 (b) 575

(c) 615 (d) 340

12.

9	11	13
13	15	17
10	12	14
14	16	18
11	13	?

(a) 14 (b) 15

(c) 22 (d) 21

13.

4	5	6
3	4	?
2	1	2

9	10	12
---	----	----

(a) 8 (b) 4

(c) 2 (d) 6

14.

4	9	8
3	6	4
4	7	3
3	?	9

(a) 7 (b) 6

(c) 8 (d) 9

15.

12	(132)	144
9	(?)	81
7	(42)	49

(a) 90 (b) 45

(c) 36 (d) 72

16.

5	8	9
7	6	6
9	7	?
21	21	21

(a) 7 (b) 6

(c) 5 (d) 4

17.

7	8	6
6	5	9
12	13	?
504	520	486

(a) 7 (b) 12

(c) 8 (d) 9

18.

6	2	84	7	?	9
3		12		15	

(a) 115 (b) 120

(c) 135 (d) 140

19.

7	5	5	21	21	7
6		13		?	

(a) 4 (b) 8

(c) 20 (d) 14

20.

23	?	7	8
20		9	

(a) 19 (b) 22

(c) 26 (d) 28

21.

1	2	3	5
?	21	18	8

(a) 23

(b) 15

(c) 34

(d) 21

22.

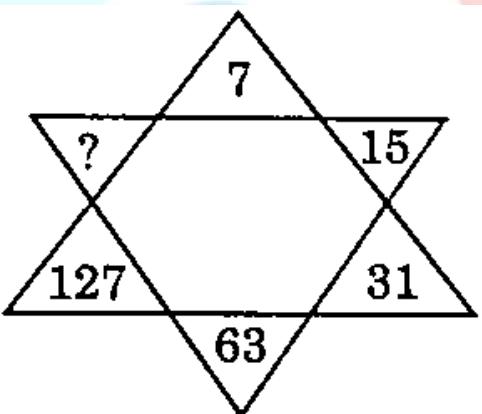
5	3
?	4
138	7.5
45	17

(a) 248 (b) 396

(c) 422 (d) 486.5

निर्देश-निम्नलिखित प्रत्येक प्रश्न में दी गयी आकृति में लुप्त संख्या ज्ञात कीजिए

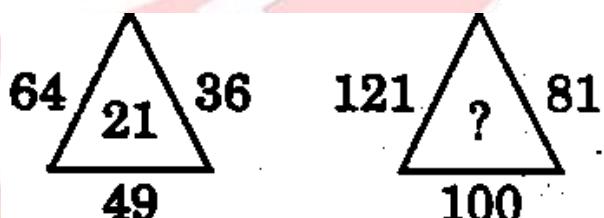
23.



(a) 221 (b) 236

(c) 255 (d) 190

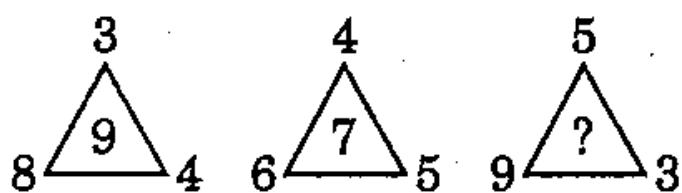
24.



(a) 30 (b) 20

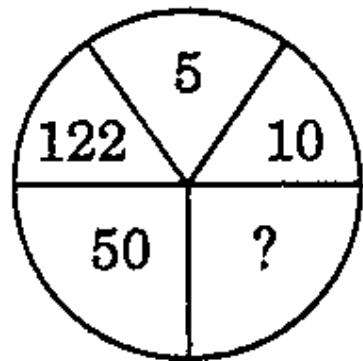
(c) 10 (d) 40

25.



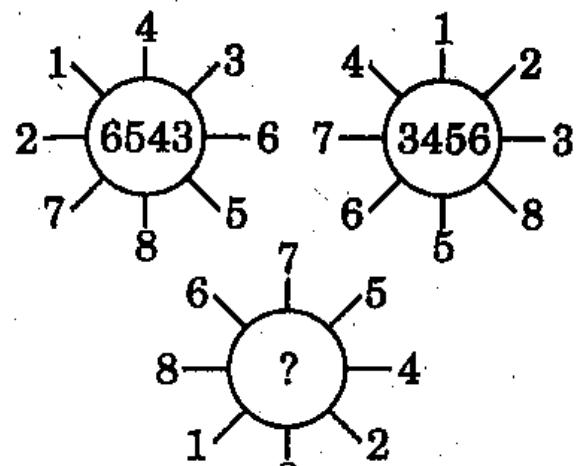
- (a) 9 (b) 7
 (c) 6 (d) 8

26.



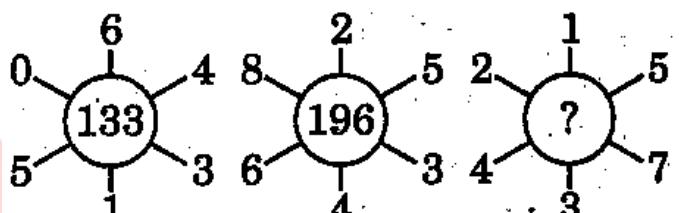
- (a) 27 (b) 26
 (c) 23 (d) 25

27.



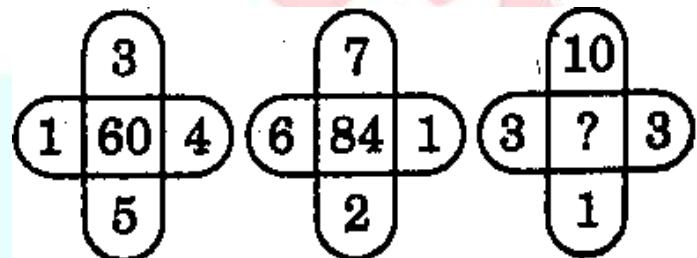
- (a) 5364 (b) 6543
 (c) 5634 (d) 3564

28.



- (a) 154 (b) 702
 (c) 535 (d) 451

29.



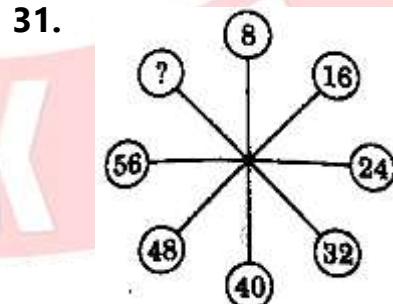
- (a) 12 (b) 48
 (c) 16 (d) 90

30.



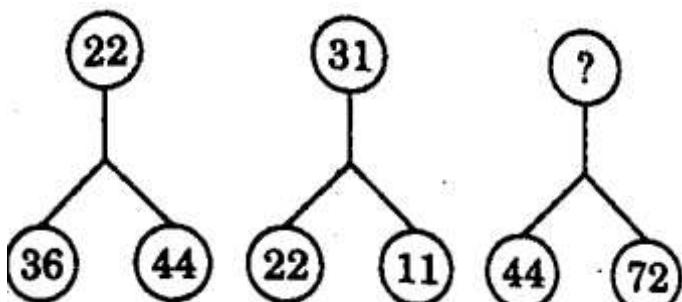
- (a) 35 (b) 39
 (c) 47 (d) 45

31.



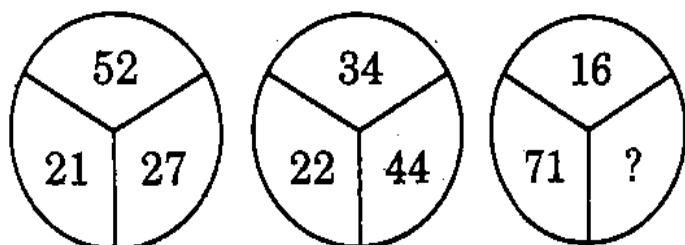
- (a) 60 (b) 62 (c) 64 (d) 66

32.



- (a) 44 (b) 88
 (c) 82 (d) 55

33.



- (a) 13 (b) 31
 (c) 33 (d) 23

1	2	3	4	5	6	7	8	9	10
C	B	D	B	B	A	B	D	C	B
11	12	13	14	15	16	17	18	19	20
A	B	B	C	D	B	D	C	D	C
21	22	23	24	25	26	27	28	29	30
C	D	C	A	B	B	A	A	D	B
31	C	32	C	33	A				

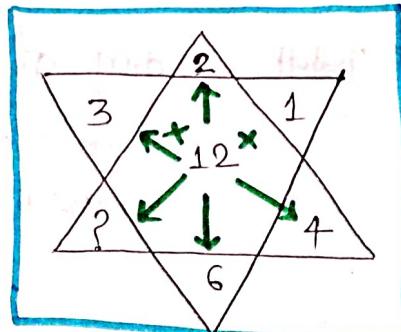
ROJGAR WITH ANKIT

Missing Number

PART → 4

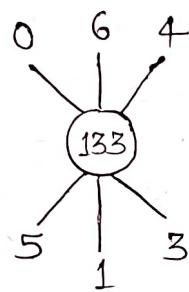
(1).

→ 12 (✓)

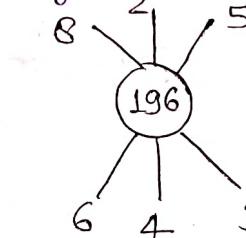


Logic - आमने सामने की गुणा = 12

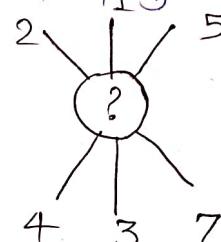
(2).



$$\begin{aligned} & 5 + 1 + 3 + 0 + 6 + 4 \\ & = 19 \times 7 \\ & = 133 \end{aligned}$$

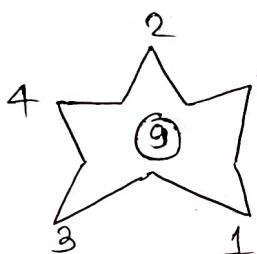


$$\begin{aligned} & 6 + 4 + 3 + 8 + 2 + 5 \\ & = 28 \times 7 \\ & = 196 \end{aligned}$$

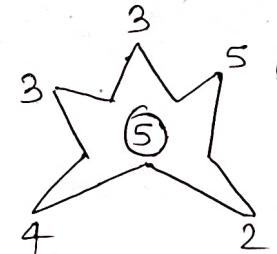


$$\begin{aligned} & 4 + 3 + 7 + 2 + 1 + 5 \\ & = 22 \times 7 \\ & = 154 \text{ Ans} \end{aligned}$$

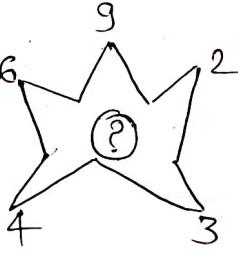
(3).



$$\begin{aligned} & (4+2+7)-(3+1) \\ & = 13 - 4 \\ & = 9 \end{aligned}$$

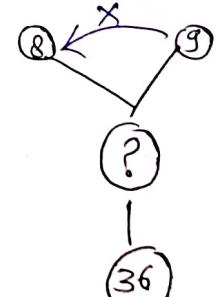
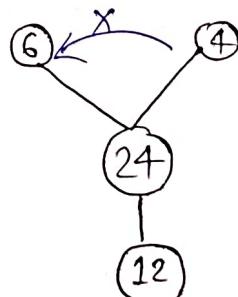
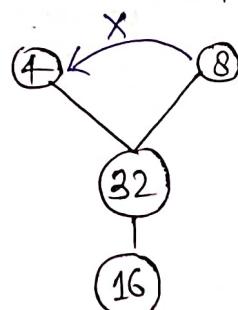


$$\begin{aligned} & (3+3+5)-(4+2) \\ & = 11 - 6 \\ & = 5 \end{aligned}$$



$$\begin{aligned} & (6+9+2)-(4+3) \\ & = 17 - 7 \\ & = 10 \text{ Ans} \end{aligned}$$

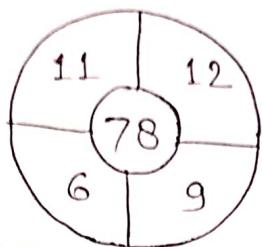
(4).



→ 72 (✓)

ROJGAR WITH ANKIT

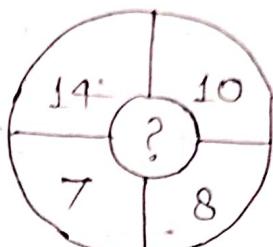
(5).



$$11 \times 12 \rightarrow 132$$

$$6 \times 9 \rightarrow 54$$

$$\frac{132 - 54}{78} = 78$$

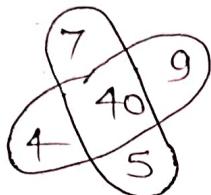


$$14 \times 10 \rightarrow 140$$

$$7 \times 8 \rightarrow 56$$

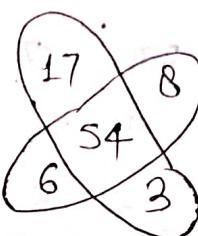
$$\frac{140 - 56}{84} = 84 \text{ Ans}$$

(6).



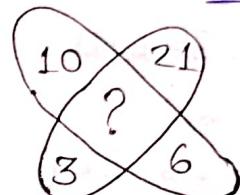
$$7 + 1 \times 5 = 40$$

$$9 + 1 \times 4 = 40$$



$$17 + 1 \times 3 = 54$$

$$8 + 1 \times 6 = 54$$



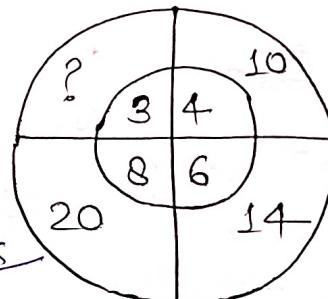
$$10 + 1 \times 6 = 66 \text{ Ans}$$

(7).

$$8 \times 2 + 3$$

$$16 + 3$$

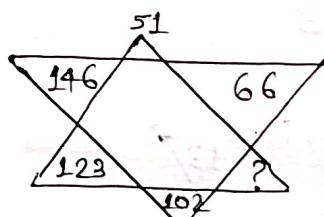
$$= 19$$



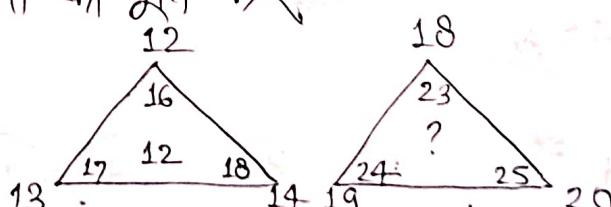
Ans

(8). दी गई आकृति से लुप्त संख्या को ज्ञात करें-

$$\begin{array}{r} 51 \\ 66 \\ 83 ? \\ \hline 102 \\ 123 \\ \hline 146) 23 \end{array}$$



(9). विलुप्त संख्या की मूर्ति करें-



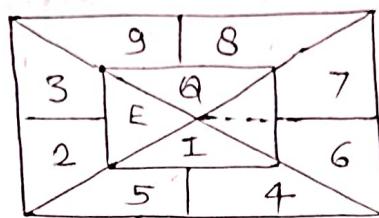
$$(12 + 13 + 14) - (16 + 17 + 18) = 39 - 51 = 12$$

$$(18 + 19 + 20) - (23 + 24 + 25) = 57 - 72 = 15$$

(10). निम्न सारणी में लुप्त अक्षर ज्ञात कीजिए-

Ans

ROJGAR WITH ANKIT



$$7 + 6 = 13 \rightarrow \textcircled{M} \text{ Ans}$$

(11). यह गण आव्यूह में X के स्थान पर कौन सी संख्या होगी-

$$(3)^3 + (7)^3$$

$$27 + 343 = 370$$

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

$$8 + 216 = 224$$

3	370	7
2	224	6
1	730	X

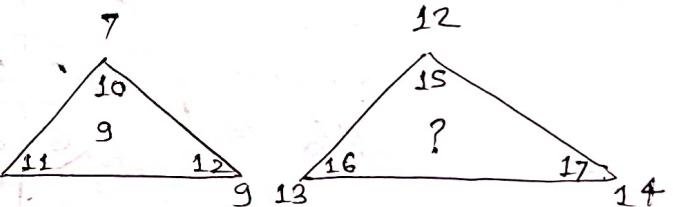
$$(1)^3 + (X)^3 = 730$$

$$x^3 = 730 - 1$$

$$x = \sqrt[3]{729} = 9 \text{ Ans}$$

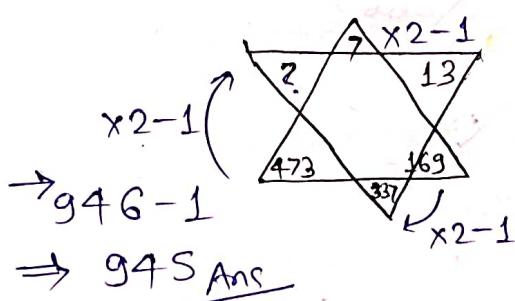
(12). लुप्त संख्या ज्ञात कीजिए-

$$\begin{array}{c|c|c} 11-8 & 10-7 & 12-9 \\ \hline 3 & 3 & 3 \end{array}$$



$$\begin{array}{c|c|c} 15-12 & 16-13 & 17-14 \\ \hline 3 & 3 & 3 \end{array} \rightarrow 9 \text{ Ans}$$

(13).

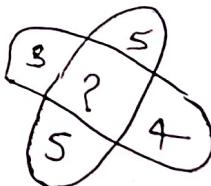
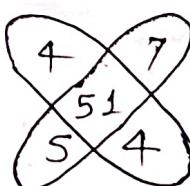
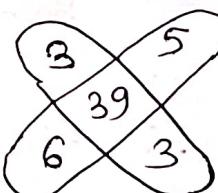


(14). '?' का मान है-

$$3 \times 3 + 5 \times 6 = 39$$

$$4 \times 4 + 7 \times 5 = 51$$

$$3 \times 4 + 5 \times 5 = 12 + 25 = 37 \text{ Ans}$$



ROJGAR WITH ANKIT

(15).

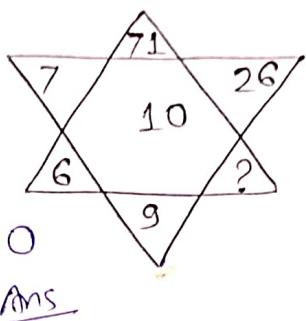
$$(9)^2 - 10$$

$$(6)^2 - 10$$

$$(7)^2 - 10$$

$$\hookrightarrow 49 - 10$$

39 Ans



(16).

?	1
39	4
14	9
3	16

$$\times 2 + 1$$

$$\times 3 + 2$$

$$\times 4 + 3$$

$$\times 5 + 4$$

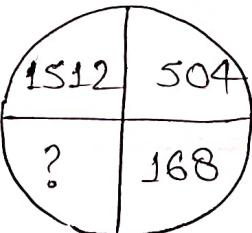
$$\hookrightarrow 16 \times 5 + 4 \Rightarrow 80 + 4 \Rightarrow 84 \text{ Ans}$$

(17).

$$\frac{1512}{3} = 504$$

$$\frac{504}{3} = 168$$

$$\frac{168}{3} = 56 \text{ Ans}$$



ROJGAR WITH ANKIT

Missing Number

PART → 5

(1).

$$\begin{array}{|c|c|c|} \hline 20 & 72 \\ \hline 2 & 3 & 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$$

$$\begin{array}{|c|c|c|} \hline 90 & 130 \\ \hline 3 & 7 & 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}
 \quad
 \begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$$

$$\begin{array}{|c|c|c|} \hline 56 & ? \\ \hline 1 & 7 & 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}
 \quad
 \begin{array}{r} 13 \\ \times 12 \\ \hline 156 \end{array}
 \text{ Ans}$$

(2).

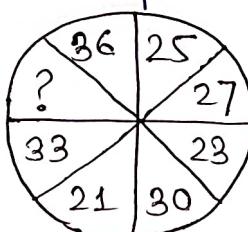
$$\begin{array}{|c|c|c|} \hline 2 \\ \hline 1 & 4 & 1 \\ \hline 5 \\ \hline 3 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 3 \\ \hline 4 & 159 & 6 \\ \hline 2 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 7 \\ \hline 5 & ? & 3 \\ \hline 2 \\ \hline \end{array}$$

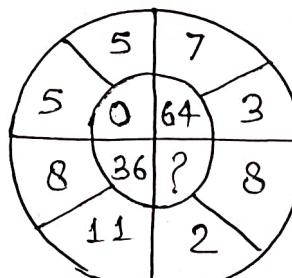
$$\begin{array}{|c|} \hline (1 \times 2 \times 5 \times 3) + (1+2+5+3) \\ \hline 30 + 11 = 41 \end{array}
 \quad
 \begin{array}{|c|} \hline (4 \times 3 \times 6 \times 2) + (4+3+6+2) \\ \hline 144 + 15 = 159 \end{array}
 \quad
 \begin{array}{|c|} \hline (5 \times 7 \times 3 \times 2) + (5+7+3+2) \\ \hline 210 + 17 = 227 \end{array}
 \text{ Ans}$$

(3).



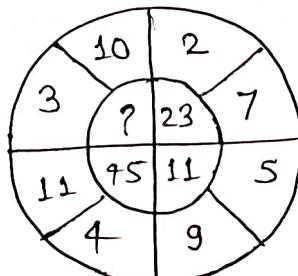
$$\begin{array}{l} 25 + 27 \rightarrow 52 \\ 23 + 30 \rightarrow 53 \\ 21 + 33 \rightarrow 54 \\ 19 + 36 \rightarrow 55 \\ \text{Ans} \end{array}$$

(4).



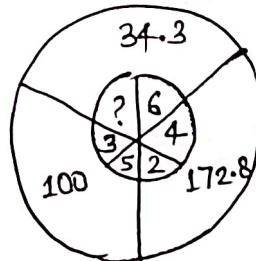
$$\begin{array}{l} 7 - 3 = 4 \times 2 = (8)^2 = 64 \\ 11 - 8 = 3 \times 2 = (6)^2 = 36 \\ 5 - 5 = 0 \times 2 = (0)^2 = 0 \\ 8 - 2 = 6 \times 2 = (12)^2 = 144 \end{array}
 \text{ Ans}$$

(5).



$$\begin{array}{l} 7 - 2 = (5)^2 - 2 = 23 \\ 9 - 5 = (4)^2 - 5 = 11 \\ 11 - 4 = (7)^2 - 4 = 45 \\ 10 - 3 = (7)^2 - 3 = 46 \end{array}
 \text{ Ans}$$

(6).



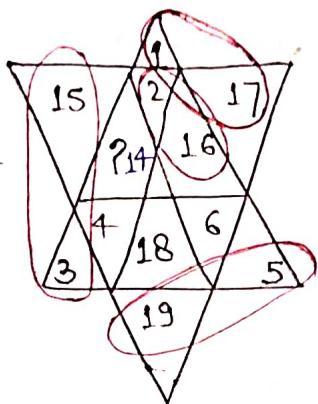
$$\begin{array}{l} 6 + 4 = (10)^3 = \frac{1000}{10} = 100 \\ 5 + 2 = (7)^3 = \frac{343}{10} = 34.3 \\ 9 + 3 = (12)^3 = \frac{1728}{10} = 172.8 \end{array}
 \text{ Ans}$$

ROJGAR WITH ANKIT

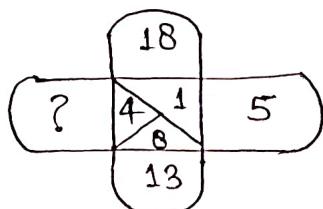
(7).

$$\Rightarrow 14 \text{ Ans}$$

Logic पास-पास की संख्या के योगफल बराबर



(8).



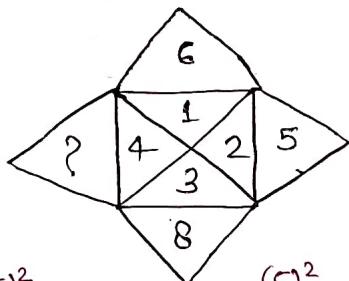
$$5+8 = 13$$

$$13+4 = 17$$

$$17+1=18$$

Ans

(g).



$$4 + (1 \times 2) \rightarrow 6$$

$$1 + (2 \times 2) \rightarrow 5$$

$$2 + (3 \times 2) \rightarrow 8$$

$$3 + (4 \times 2) \rightarrow 11 \text{ Ang}$$

(10).

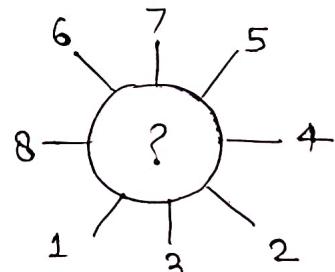
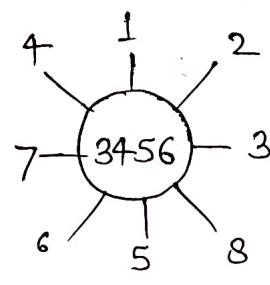
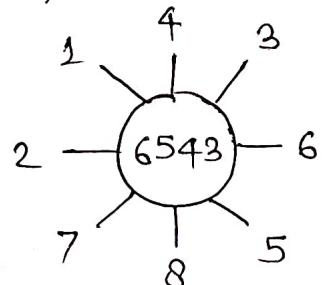
$$\begin{array}{r}
 (5)^2 \\
 25 \\
 \hline
 \begin{array}{r}
 100 \\
 (10)^2 \\
 \hline
 6 \\
 25 \\
 (5)^2 \\
 \hline
 30 \\
 \hline
 5 \\
 \hline
 \end{array}
 \end{array}
 \quad 100(10)^2$$

$$\begin{array}{r} \checkmark (5)^2 \\ (5)^2 25 \\ 25 \textcircled{5} 81(9)^2 \\ \hline 36 \\ (6)^2 \\ \hline 25 = 5 \end{array}$$

$$\begin{array}{r} (5)^2 \\ 25 \\ \hline (5)^2 25 (5)^2 \\ 25 \end{array}$$

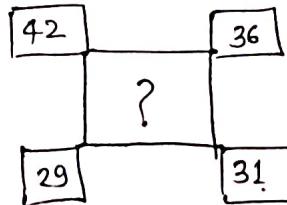
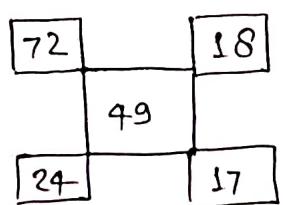
$$\begin{array}{r}
 (7)^2 \\
 49 \\
 36 \quad 9 \quad (3)^2 \\
 (6)^2 \quad 16 \\
 \quad (4)^2 \\
 \hline
 \frac{20}{5} = 4 \text{ Ans}
 \end{array}$$

(11),



$$\Rightarrow 5364 \underline{\text{Ans}}$$

(12).



$$\begin{array}{r} 72-24 \\ 48 \end{array} + \begin{array}{r} 18-17 \\ 1 \end{array} = \begin{array}{r} 49 \end{array}$$

$$\begin{array}{r} 42-29 \\ 13 \quad + \quad 5 = 18 \text{ Ans} \end{array}$$

ROJGAR WITH ANKIT

(13).

42	18	8
3	14	6

$$6 \times 3 = 18$$

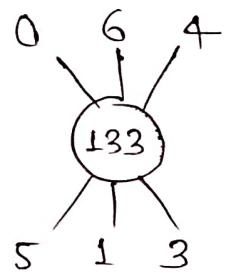
45	15	21
5	9	3

$$3 \times 5 = 15$$

51	7	8
3	17	7

$$7 \times 3 = 21 \text{ Ans}$$

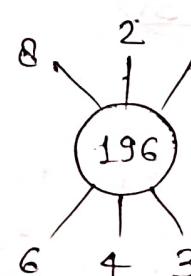
(14).



$$0 + 6 + 4 + 5 + 1 + 3 = 19$$

$$\times 7$$

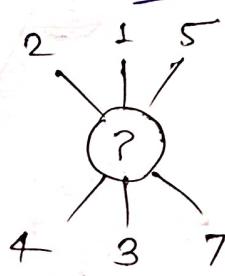
$$\hline 133$$



$$8 + 2 + 5 + 6 + 4 + 3 = 28$$

$$\times 7$$

$$\hline 196$$



$$2 + 1 + 5 + 4 + 3 + 7 = 22$$

$$\times 7$$

$$\hline 154$$

Ans

1.

40	32	72	12
30	24	54	9
54	?	90	15

- (a) 46 (b) 48
 (c) 36 (d) 49

2.

4	8	20
9	3	15
6	6	?

- (a) 22 (b) 18
 (c) 16 (d) 24

3.

2	2	4
3	8	16
6	?	36

- (a) 32 (b) 15
 (c) 48 (d) 18

4.

25	15	40	8
65	25	90	?
45	15	60	12

- (a) 12 (b) 18
 (c) 24 (d) 6

5.

2	4	2
3	9	3
4	16	4

8	64	?
---	----	---

- (a) 24 (b) 8
 (c) 9 (d) 16

6.

7	5	3
8	4	9
2	8	?
112	160	162

- (a) 6 (b) 4
 (c) 12 (d) 8

7.

5	4	3
6	7	8
4	2	?
34	30	30

- (a) 10 (b) 6
 (c) 5 (d) 3

8.

2	3	8
4	5	10
6	7	12
32	50	?

- (a) 30 (b) 128
 (c) 92 (d) 200

9.

18	21	24
3	9	3
6	4	8

21	26	?
----	----	---

(a) 24 (b) 27

(c) 29 (d) 22

10.

4	3	2	8	32
5	3	1	9	24
7	3	3	7	70
2	9	4	12	?

(a) 120 (b) 84

(c) 27 (d) 60

11.

1	216	343
8	125	512
27	64	?
35	401	1575

(a) 729 (b) 575

(c) 615 (d) 340

12.

9	11	13
13	15	17
10	12	14
14	16	18
11	13	?

(a) 14 (b) 15

(c) 22 (d) 21

13.

4	5	6
3	4	?
2	1	2

9	10	12
---	----	----

(a) 8 (b) 4

(c) 2 (d) 6

14.

4	9	8
3	6	4
4	7	3
3	?	9

(a) 7 (b) 6

(c) 8 (d) 9

15.

12	(132)	144
9	(?)	81
7	(42)	49

(a) 90 (b) 45

(c) 36 (d) 72

16.

5	8	9
7	6	6
9	7	?
21	21	21

(a) 7 (b) 6

(c) 5 (d) 4

17.

7	8	6
6	5	9
12	13	?
504	520	486

(a) 7 (b) 12

(c) 8 (d) 9

18.

6	2	84	7	?	9
3		12		15	

(a) 115 (b) 120

(c) 135 (d) 140

19.

7	5	5	21	21	7
6		13		?	

(a) 4 (b) 8

(c) 20 (d) 14

20.

23	?	7	8
20		9	

(a) 19 (b) 22

(c) 26 (d) 28

21.

1	2	3	5
?	21	18	8

(a) 23 (b) 15 (c) 34

(d) 21

22.

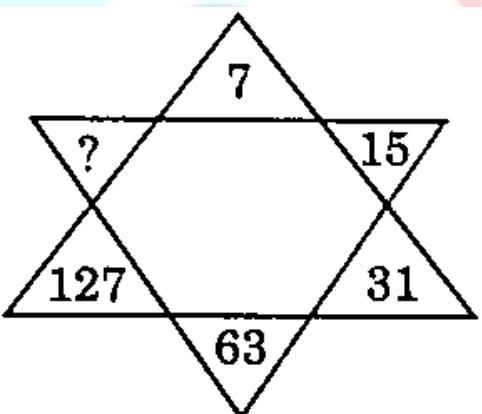
5	3
?	4
138	7.5
45	17

(a) 248 (b) 396

(c) 422 (d) 486.5

निर्देश-निम्नलिखित प्रत्येक प्रश्न में दी गयी आकृति में लुप्त संख्या ज्ञात कीजिए

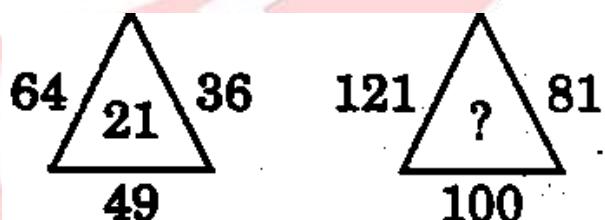
23.



(a) 221 (b) 236

(c) 255 (d) 190

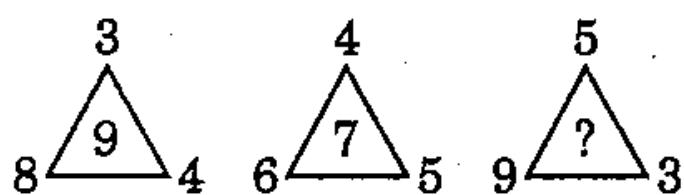
24.



(a) 30 (b) 20

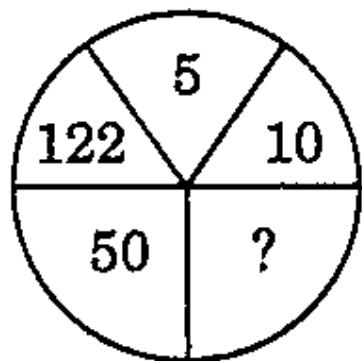
(c) 10 (d) 40

25.



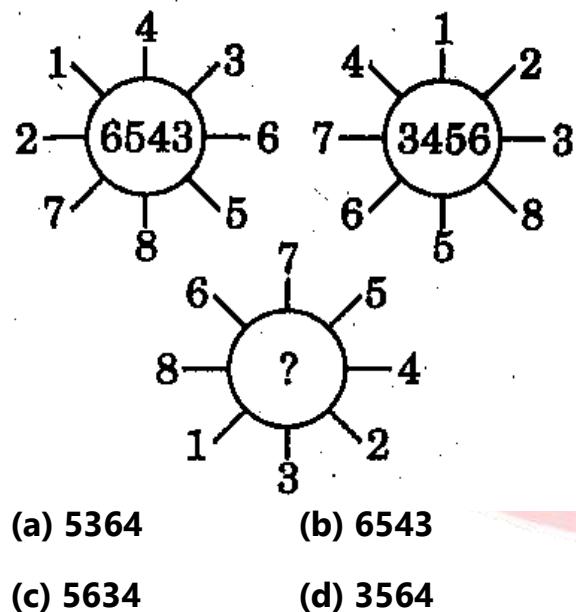
- (a) 9 (b) 7
 (c) 6 (d) 8

26.

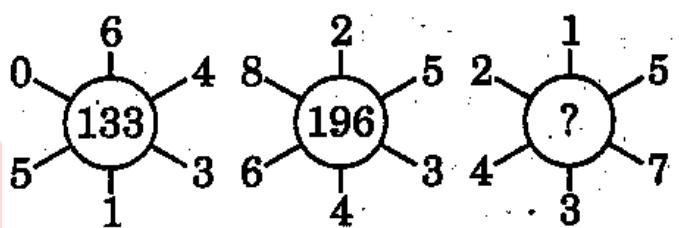


- (a) 27 (b) 26
 (c) 23 (d) 25

27.

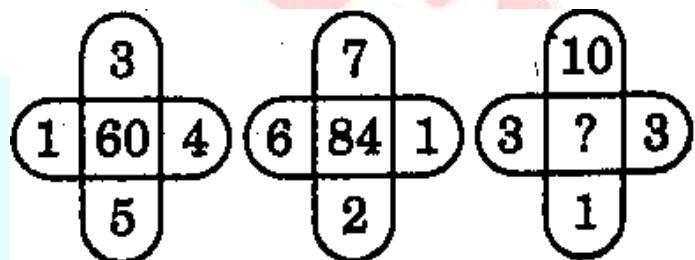


28.



- (a) 154 (b) 702
 (c) 535 (d) 451

29.



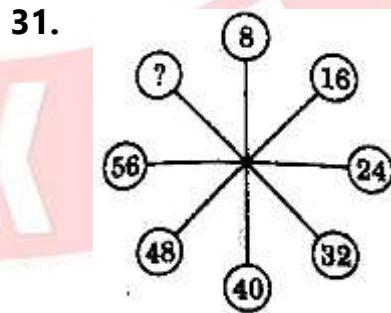
- (a) 12 (b) 48
 (c) 16 (d) 90

30.



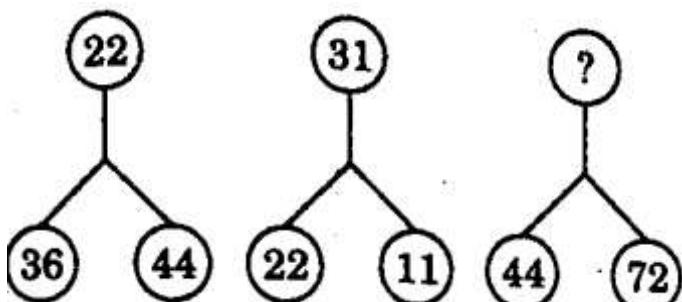
- (a) 35 (b) 39
 (c) 47 (d) 45

31.



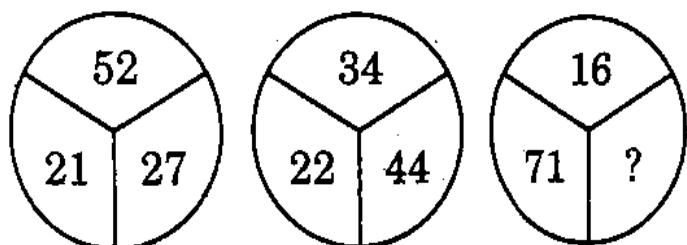
- (a) 60 (b) 62 (c) 64 (d) 66

32.



- (a) 44 (b) 88
 (c) 82 (d) 55

33.



- (a) 13 (b) 31
 (c) 33 (d) 23

1	2	3	4	5	6	7	8	9	10
C	B	D	B	B	A	B	D	C	B
11	12	13	14	15	16	17	18	19	20
A	B	B	C	D	B	D	C	D	C
21	22	23	24	25	26	27	28	29	30
C	D	C	A	B	B	A	A	D	B
31	C	32	C	33	A				