

लुप्त संख्या (Missing Number)

★ दिए गए विकल्पों में से उस संख्या का चयन करें; जो निम्न तालिका में प्रश्नचिह्न (?) के स्थान पर आ सकती है?

(1).

5	4	3
6	5	4
7	6	5
384	245	?

$$\begin{array}{r}
 (5)^1 - 5 \quad \quad 4 \quad 3 \\
 (6)^2 - 36 \quad \quad 25 \quad 16 \\
 (7)^3 - 343 \quad \quad 216 \quad 125 \\
 \hline
 384 \quad \quad 245 \quad 144
 \end{array}$$

⇒ 144 Ans

(2).

35	35
33	42
49	31
?	56

$$\begin{array}{r}
 35 \quad 35 \\
 33 \quad 42 \\
 49 \quad 31 \\
 ? \quad 56 \\
 29
 \end{array}$$

⇒ 29 Ans

(3).

6	38
10	8

9	21
15	4

4	6
6	?

$$\begin{array}{l}
 6 \times 8 = 48 \quad 9 \times 4 = 36 \quad 4 \times 3 = 12 \\
 38 + 10 = 48 \quad 21 + 15 = 36 \quad 6 + 6 = 12
 \end{array}$$

⇒ 3 Ans

(4).

4	7	13
5	7	13
6	9	?

$$\begin{array}{r}
 (4)^2 - 1 + 6 \quad (7)^2 - 4 + 9 \\
 \quad \quad \quad 7 \quad \quad \quad 13 \\
 (5)^2 - 2 + 5 \quad (7)^2 - 4 + 9 \\
 \quad \quad \quad 7 \quad \quad \quad 13 \\
 (6)^2 - 3 + 6 \quad (9)^2 - 8 + 1 \\
 \quad \quad \quad 9 \quad \quad \quad 9
 \end{array}$$

⇒ 9 Ans

ROJGAR WITH ANKIT

(5). $4, 3, 2 = 21$ $(4)^2 + (3)^2 \Rightarrow 16 + 9 \Rightarrow 25 - (2)^2$
 $5, 6, 3 = 52$ $\Rightarrow 21$
 $5, 8, 4 = ?$

$\Rightarrow 73$ Ans

$$(5)^2 + (8)^2 - (4)^2$$
$$25 + 64 - 16 \Rightarrow 73$$

(6). $6, +5, \times 15, +10 = 91$

$$8, +20, \times 7, +9 = 157$$

$$4, 13, 12, 18 = ? \quad 4 + 13 \times 12 + 18$$
$$4 + 156 + 18$$
$$\Rightarrow 178 \text{ Ans}$$

(7). नीचे की तालिका में, कौन सी दो संख्याएँ क्रमशः वर्ग A और B की जगह आएगी?

$\Rightarrow 49$ और 392 Ans

9	3	27	36
16	4	64	80
64	8	512	576
A	7	343	B

$$\begin{array}{r} (3)^2 - 9 \\ (4)^2 - 16 \\ (8)^2 - 64 \\ (7)^2 - 49 \end{array} \quad \begin{array}{r} 343 \\ + 49 \\ \hline 392 \end{array}$$

(8).

42	44	38
23	55	28
37	?	39

$$42 - 38 = 4 \times 11 = 44$$

$$28-23 = 5 \times 11 = 55$$

$$39 - 37 = 2 \times 11 = 22$$

$\Rightarrow$ 22 Ans

(g).

5	6	7
3	4	5
9	10	11
345	460	?

$$5 \times 9 = 45 \rightarrow 345$$

$$6 \times 10 = 60 \rightarrow 460$$

$$7 \times 11 = 77 \longrightarrow 577$$

⇒ 577 Ans.

ROJGAR WITH ANKIT

(10).

18	24	32
12	14	16
3	?	4
72	112	128

$\Rightarrow 3$ Ans

$$18 \div 3 = 6$$

$$\begin{array}{r} \times 12 \\ \hline 72 \end{array}$$

$$32 \div 4 = 8$$

$$\begin{array}{r} \times 16 \\ \hline 128 \end{array}$$

$$24 \div 3 = 8$$

$$\begin{array}{r} \times 14 \\ \hline 112 \end{array}$$

(11).

13	12	5
17	15	8
25	24	?
29	21	20

$\Rightarrow 7$ Ans

$$(5)^2 + (12)^2 = (13)^2$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$25 + 144 = 169$$

$$(8)^2 + (15)^2 = (17)^2$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$64 + 225 = 289$$

$$(7)^2 + (24)^2 = (25)^2$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$49 + 576 = 625$$

(12).

2	4	0
1	2	4
3	1	3
36	?	91

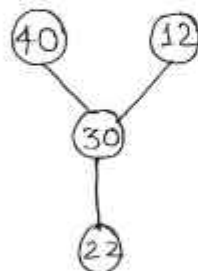
$\Rightarrow 73$ Ans

$$(2)^3 + (1)^3 + (0)^3$$

$$(4)^3 + (2)^3 + (1)^3$$

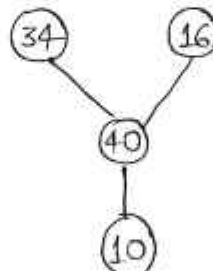
$$(0)^3 + (4)^3 + (3)^3$$

(13).



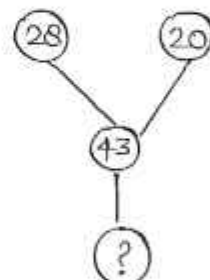
$$40 + 12 - 22$$

$$= 30$$



$$34 + 16 - 10$$

$$= 40$$



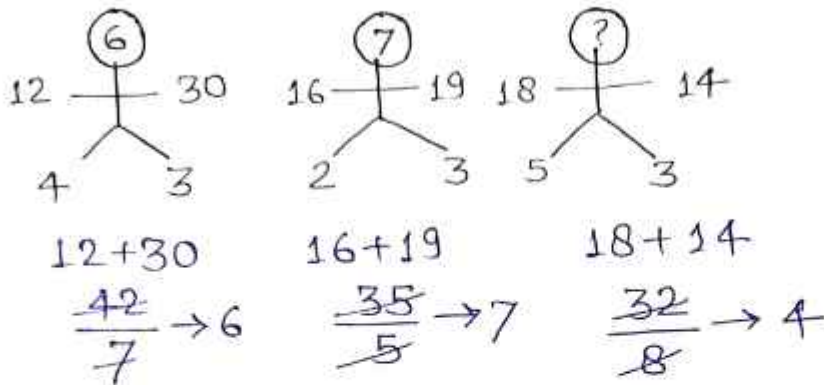
$$28 + 20 - 5$$

$$= 43$$

$\Rightarrow 5$ Ans

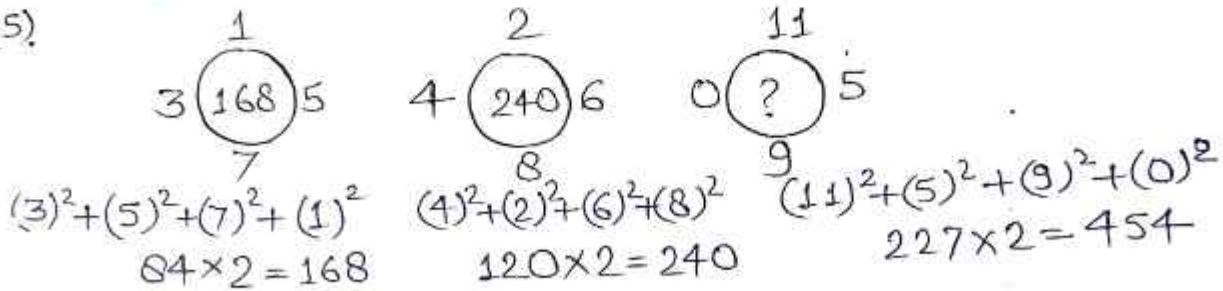
ROJGAR WITH ANKIT

(14).



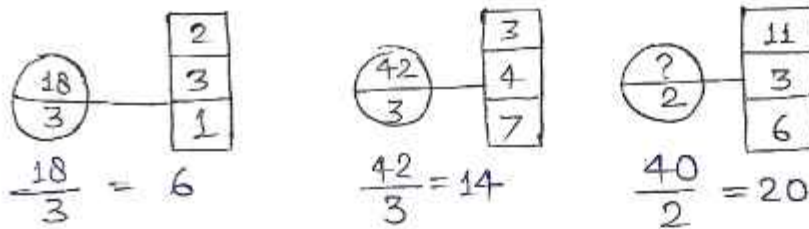
$\Rightarrow 4$ Ans

(15).



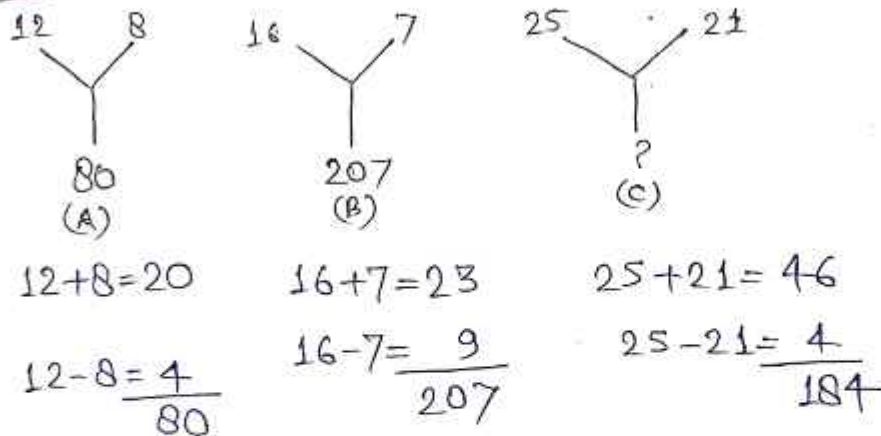
$\Rightarrow 454$ Ans

(16).



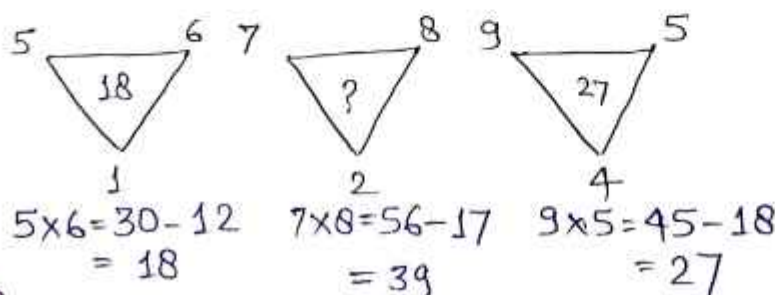
$\Rightarrow 40$ Ans

(17).



$\Rightarrow 184$ Ans

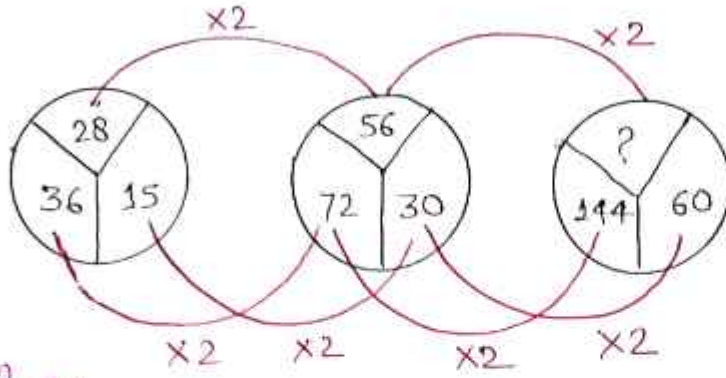
(18).



$\Rightarrow 39$ Ans

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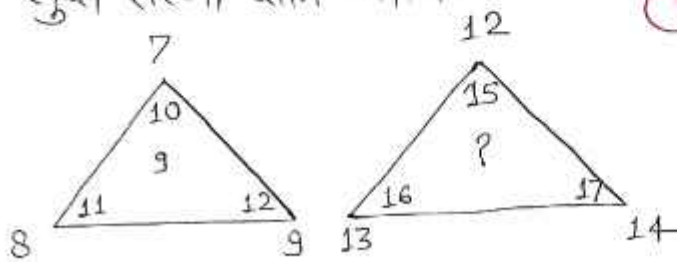
(19).



$\Rightarrow 112$ Ans

(20). लुप्त संख्या ज्ञात कीजिए -

Home Work



- (a) 18
- (b) 15
- (c) 12
- (d) 9