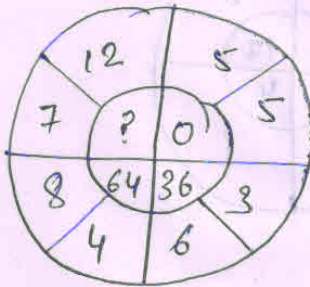


* — MISSING NUMBER — *

①



Ans:-

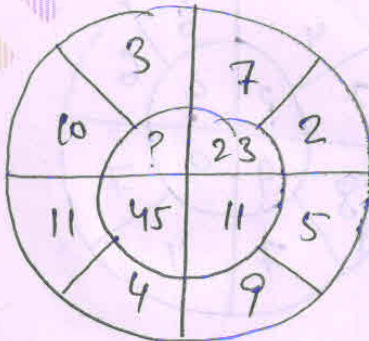
$12 - 7 = 5$
 $5 \times 2 = (10)^2$
 $\frac{100}{\text{Ans}}$

$5 - 5 = 0 \times 2 = 0$

$8 - 4 =$
 $4 \times 2 = (8)^2 = 64$

$6 - 3 = 3 \times 2 = (6)^2 = 36$

②



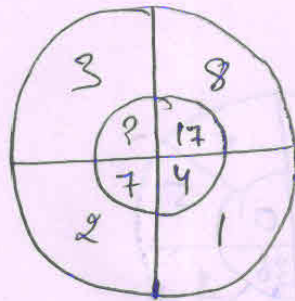
Ans:- $10 - 3 = 7$
 $(7)^2 - 3 =$
 $\frac{49}{\text{Ans}}$

$7 - 2 = (5)^2 - 2$
 $25 - 2 = 23$

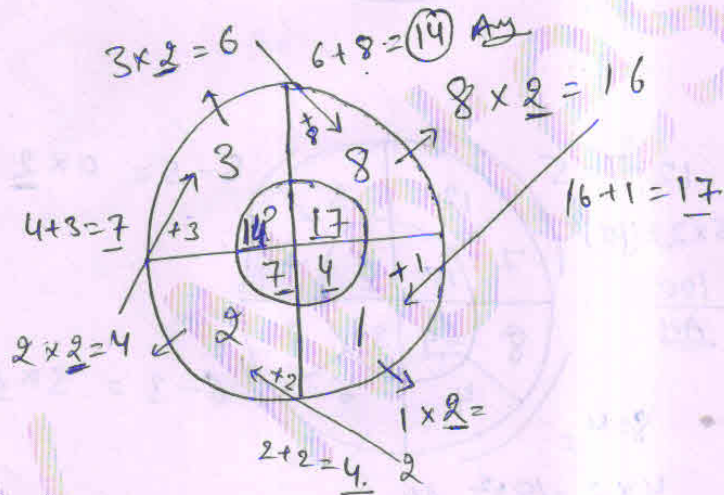
$11 - 4 = 7$
 $(7)^2 - 4 = 45$

$9 - 5 = (4)^2 - 2$
 $16 - 5 = 11$

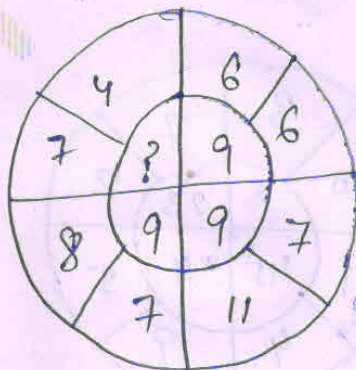
③



Ans



④



Ans -

$7+4 = (11)^2$

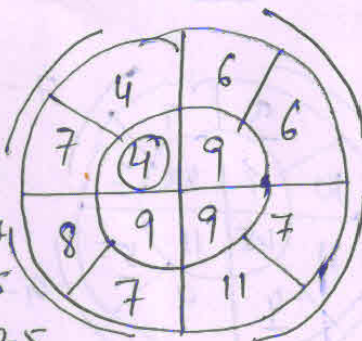
$= 121$

$1+2+1 = 4$

$8+7 = 15$

$(15)^2 = 225$

$2+2+5 = 9$



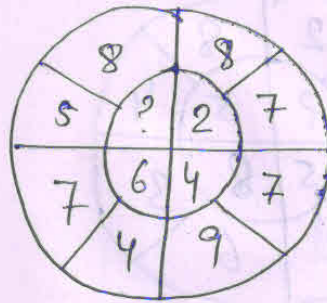
$6+6 = (12)^2 = 144$

$1+4+4 = 9$

$11+7 = (18)^2 = 324$

$8+2+4 = 9$

5



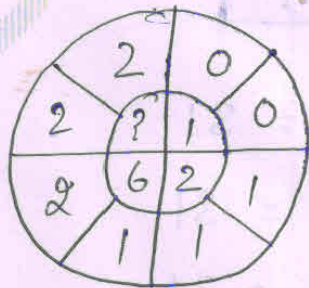
Ans:-

$8+5=13$
 $1+3=4$
 $8+7=15$
 $1+5=6$
 $7+4=11$
 $1+1=2$
 $9+7=16$
 $1+6=7$ Ans



opposite missing no.

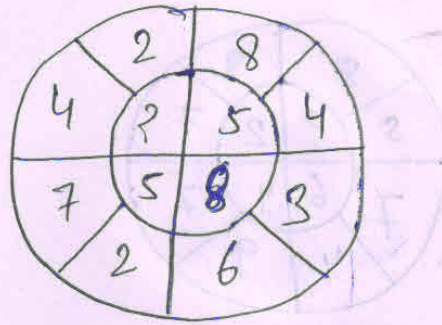
6



factorial.

$2+2=4!$
 $4 \times 3 \times 2 \times 1 = 24$ Ans
 $0+0=0! = 1$
 $2+1=3!$
 $3 \times 2 \times 1 = 6$
 $1+1=2! = 2$

7

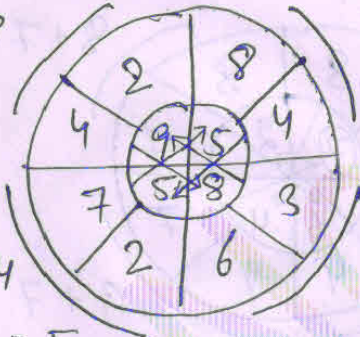


Ans:-

$$4 + 2 = 8$$

$$8 \times 4 = 32$$

$$3 + 2 = 5$$



$$7 \times 2 = 14$$

$$6 \times 3 = 18$$

$$1 + 8 = 9$$

$$1 + 4 = 5$$

⇒ ①

19	12	0
18	18	-5
7	4	?

Ans

$$19 + 12 + 0 = 31$$

$$18 + 18 - 5 = 31$$

$$7 + 4 + ? = 31$$

$$11 + ? = 31$$

$$? = 31 - 11$$

$$? = 20 \text{ Ans}$$

②

-1	0	1
9	6	3
7	?	4

Ans:-

$$-1 + 1 = 0 = 0/2 = 0$$

$$9 + 3 = 12 = 12/2 = 6$$

$$7 + 4 = 11 = 11/2 = \textcircled{5.5} \text{ Ans}$$

③

2	3	97
3	5	101
5	7	?

Ans:-

Consecutive Prime No. = 103

97, 101, 103

Consecutive Prime no.

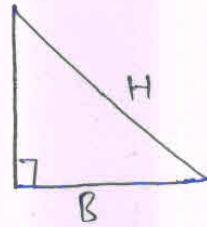
④

3	9	11
4	40	?
5	?	?

Ans 1- By using Pythagorean Triplets.

Pythagorean Triplets.

→ $P=3 = (3)^2 = 9 = \frac{9}{2} = 4.5$



$P^2 + B^2 = H^2$

Pythagoras.

$0.5 - 4.5 + 0.5$

$B = \underline{4} \quad \underline{5} = H$

$P=3, B=4, H=?$

$(3)^2 + (4)^2 = H^2$

$9 + 16 = H^2$

$25 = H^2$

$\underline{5 = H}$

→ $(9)^2 = \frac{81}{2} = 40.5$

$0.5 - 40.5 + 0.5$

$\underline{40}$

$\underline{41}$

$(11)^2 = \frac{121}{2} = 60.5$

$0.5 - 60.5 + 0.5$

$\underline{60}$

$\underline{61}$

3	9	11
4	40	<u>60</u>
5	<u>41</u>	<u>61</u>

Ans

5

4	5	9
3	3	15
13	17	?

Ans

$$4 \times 3 + (4 - 3) = 13$$

$$5 \times 3 + (5 - 3) = 17$$

$$9 \times 13 + (15 - 9) = \underline{141} \text{ Ans}$$

6

6	6	4
7	8	5
20	?	0

Ans :-

6	6	4
7	8	5
20	0	0

$$6 \times 4 = 24$$

$$2 + 4 = 6$$

$$7 \times 5 = 35$$

$$3 + 5 = 8$$

$$20 \times 0 = 0$$

0 Ans

7

18	24	32
12	14	16
3	?	4
<u>3</u>	7	12

Ans 1-

$$18 - 12 - 3 = \underline{3}$$

$$32 - 16 - 4 = \underline{12}$$

$$24 - 14 - ? = \underline{7}$$

$$10 - ? = 7$$

$$+ ? = + 3$$

$$\boxed{? = 3} \text{ Ans}$$

1	2	3
2	3	4
0	0	0