

Figure Counting

PART-3

निर्देश: निम्नलि. प्रत्येक प्रश्न में दी गयी आकृति में वर्गों की संख्या ज्ञात कीजिए-

(62). =5

(63).

$$\begin{array}{r} 3 \times 3 = 9 \\ 2 \times 2 = 4 \\ 1 \times 1 = 1 \\ \hline 14 \end{array}$$

1	2	3
2		
3		

(64).

$$\begin{array}{r} 4 \times 4 = 16 \\ 3 \times 3 = 9 \\ 2 \times 2 = 4 \\ 1 \times 1 = 1 \\ \hline 30 \end{array}$$

1	2	3	4
2			
3			
4			

(65).

$$\begin{array}{r} 5 \times 5 = 25 \\ 4 \times 4 = 16 \\ 3 \times 3 = 09 \\ 2 \times 2 = 04 \\ 1 \times 1 = 01 \\ \hline 55 \end{array}$$

1	2	3	4	5
2				
3				
4				
5				

(66)

$$\begin{array}{r} 4 \times 3 = 12 \\ 3 \times 2 = 06 \\ 2 \times 1 = 02 \\ \hline 20 \end{array}$$

1	2	3	4
2			
3			

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(67).

1	2	3	4	5
2				
3				

$$\begin{array}{r}
 5 \times 3 = 15 \\
 4 \times 2 = 08 \\
 3 \times 1 = 03 \\
 \hline
 26
 \end{array}$$

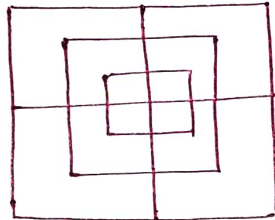
(68).

1	2	3	4	5	6	7
2						
3						

$$\begin{array}{r}
 7 \times 3 = 21 \\
 6 \times 2 = 12 \\
 5 \times 1 = 05 \\
 \hline
 38
 \end{array}$$

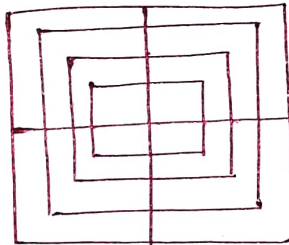
(69).

= 15



(70).

= 20



(71).

1	2	3	4	5
2				
3				
4				
5				

$$\begin{array}{r}
 5 \times 5 = 25 \\
 4 \times 4 = 16 \\
 3 \times 3 = 09 \\
 2 \times 2 = 04 \\
 1 \times 1 = 01 \\
 \hline
 55 + 20 = 75
 \end{array}$$

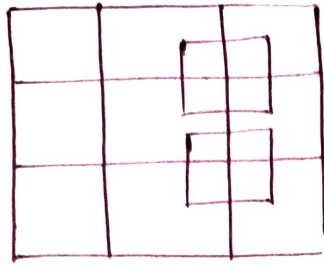
(72).

1	2	3	4
2			
3			
4			

$$\begin{array}{r}
 4 \times 4 = 16 \\
 3 \times 3 = 09 \\
 2 \times 2 = 04 \\
 1 \times 1 = 01 \\
 \hline
 30 + 5 \\
 = 35
 \end{array}$$

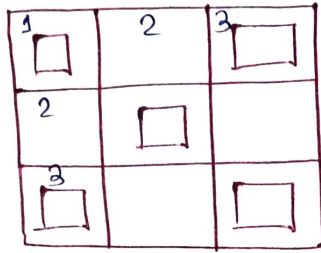
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(73).



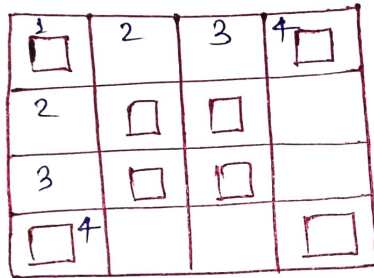
$$\begin{aligned} 3 \times 3 &= 9 \\ 2 \times 2 &= 4 \\ 1 \times 1 &= 1 \\ \hline 14 + 10 & \\ &= 24 \end{aligned}$$

(74).



$$\begin{aligned} 3 \times 3 &= 9 \\ 2 \times 2 &= 4 \\ 1 \times 1 &= 1 \\ \hline 14 + 5 &= 19 \end{aligned}$$

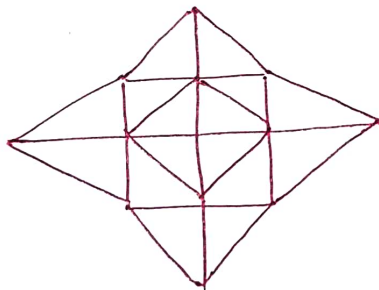
(75).



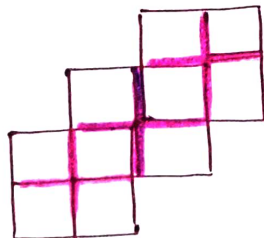
$$\begin{aligned} 4 \times 4 &= 16 \\ 3 \times 3 &= 09 \\ 2 \times 2 &= 04 \\ 1 \times 1 &= 01 \\ \hline 30 + 8 &= 38 \end{aligned}$$

(76).

$$= 12$$

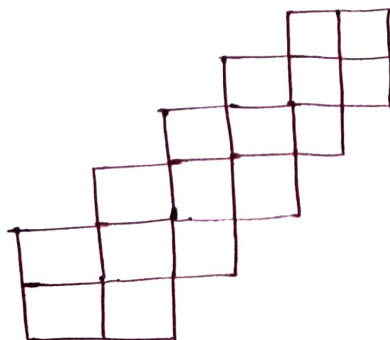


(77).



$$15 - 2 = 13$$

(78).

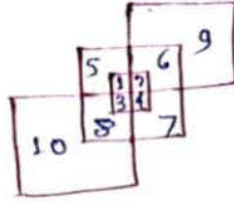


$$25 - 4 = 21$$

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9). दी गई आकृति में कितने वर्ग हैं?

$\Rightarrow 12$



10). आयतों की संख्या ज्ञात करें—

1	2	3
2		
3		

$$6 \times 6 = 36$$

$$\text{आयत} = 36$$

$$\text{वर्ग} = 14$$

$$\text{केवल आयत} = 36 - 14 = 22$$

$$3 \times 3 = 9$$

$$2 \times 2 = 4$$

$$1 \times 1 = 1$$

14 वर्ग

31).

1	2	3	4
2			
3			
4			

$$10 \times 10$$

$$\text{आयत} = 100$$

$$\text{वर्ग} = 4 \times 4 = 16$$

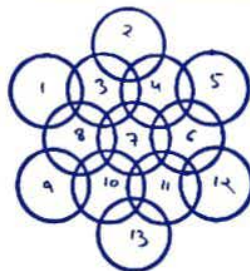
$$3 \times 3 = 09$$

$$2 \times 2 = 04$$

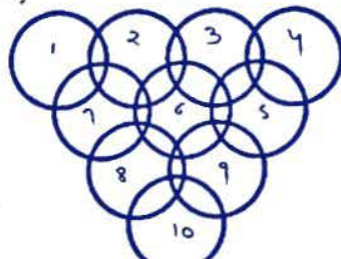
$$1 \times 1 = 01$$

$$\text{केवल आयत} = 100 - 30 = 70$$

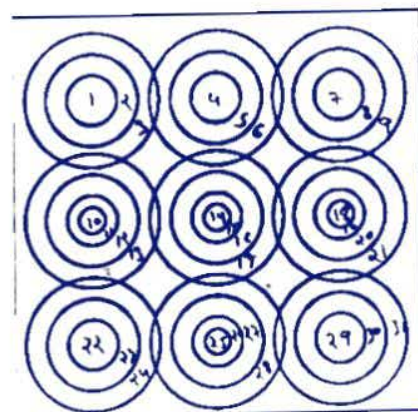
32). $\Rightarrow 13$



33). $\Rightarrow 10$

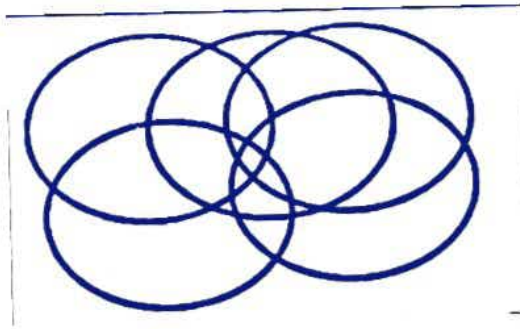


34). $\Rightarrow 31$

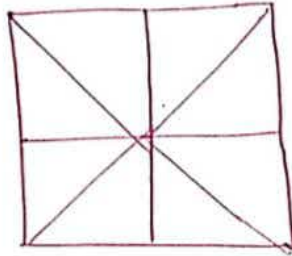


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(85). $\Rightarrow 5$

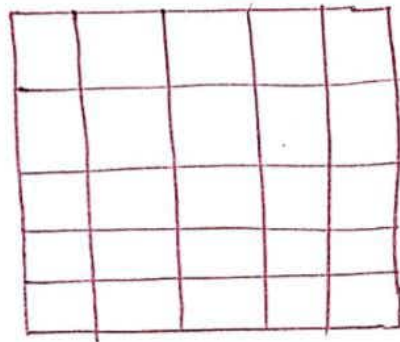


(86).



(87).

$\Rightarrow 12$



(88).

$\Rightarrow 14$

