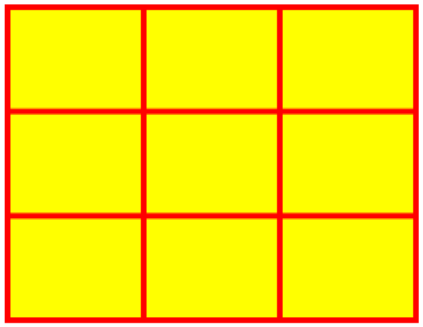
SUPER SUCCESS
INSTITUTE

Counting of figures

Number of Square

Square



(1)10
(2)12
(3)14
(4)16

Square : Row and column are equal

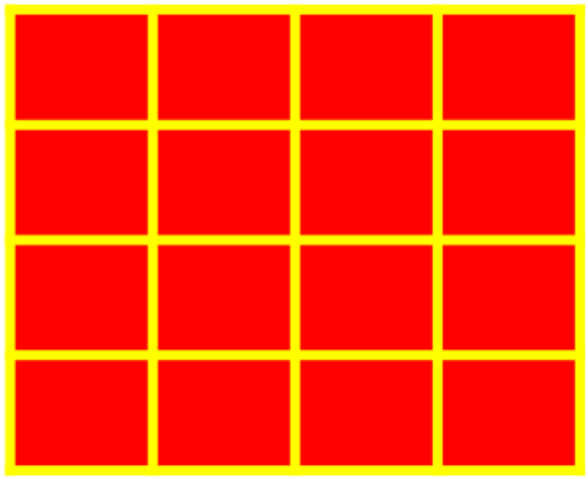
Give number to rows 1,2,3

Square them 1, 4,9

Add them 14

Count the

Square

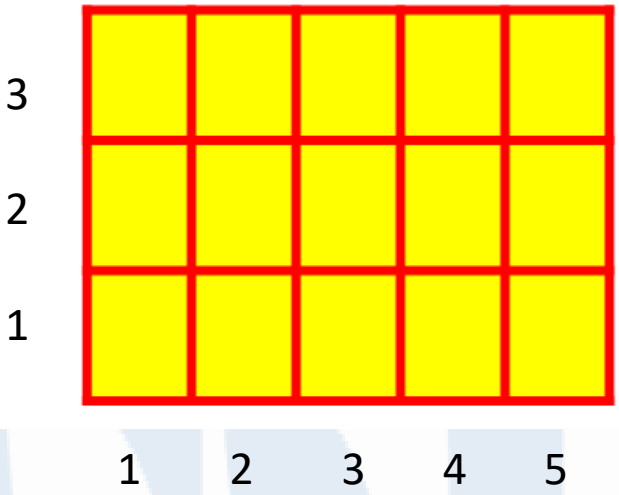


$1^2 + 2^2 + 3^2 + 4^2 = 30$

(1)20
(2)30
(3)32
(4)36

Number of Square in Rectangle figure

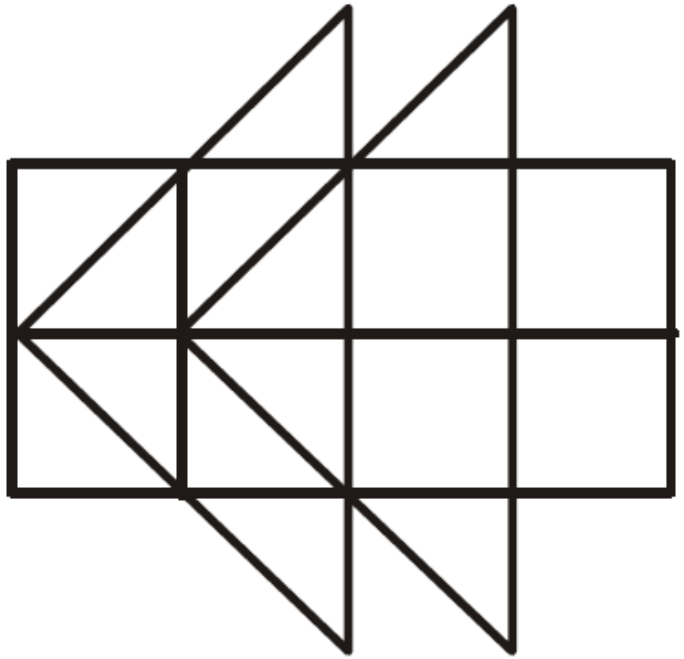
Square



(1)15
(2)26
(3)30
(4)32

Number Row 1,2,3
Number column 1,2,3,4,5
Cross line C5 to R3, C4 to R2 and C3 to R1
5x3 + 4x2 + 3x1 = 26

Count the Square

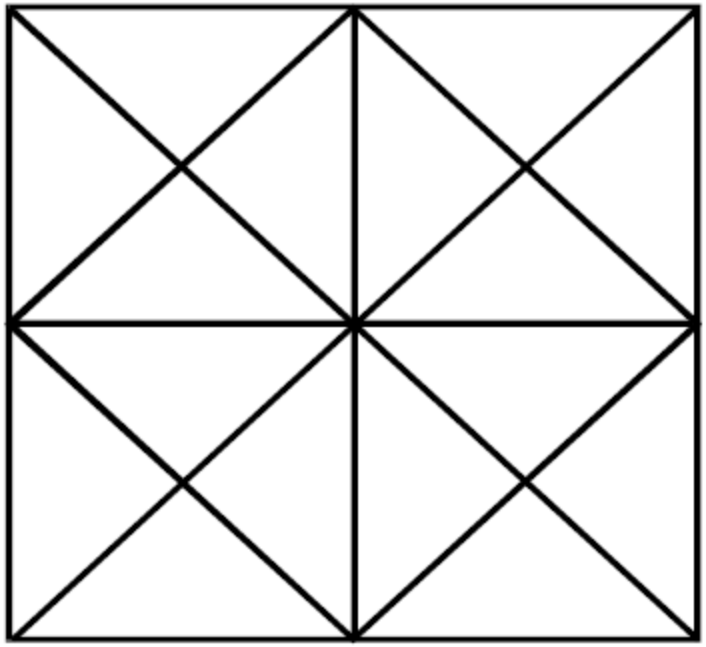


(a) 8 (b) 10 (c) 11 (d) 15

C4x R2 + C3xR1

4x2 + 3x1 = 11

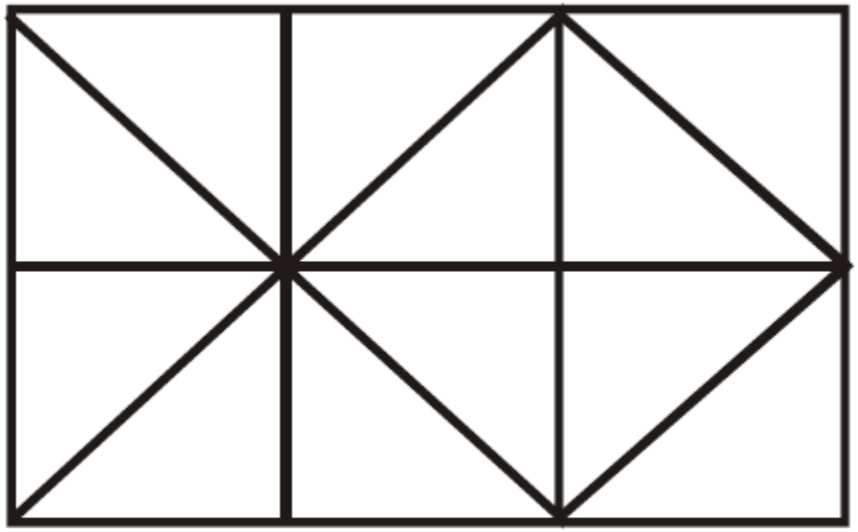
Count Square



(a) 6 (b) 10 (c) 9 (d) 6

Two Square figure with 4 Square inside
5+5 =10

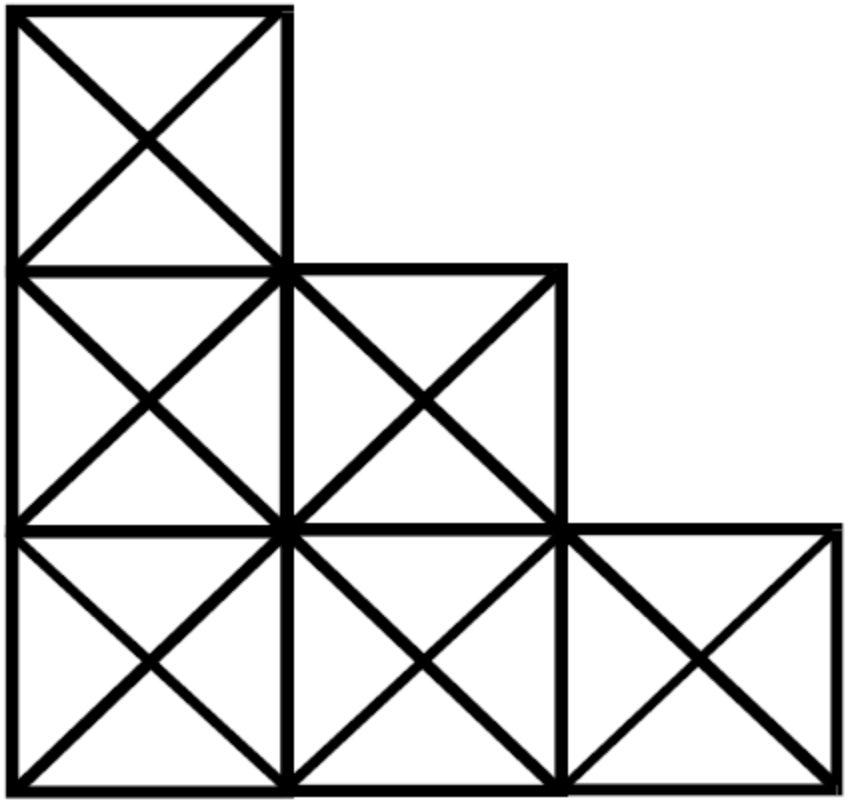
Count Square



(a) 8 (b) 9 (c) 10 (d) 12

3x2 + 2x1 + One Hidden (Diagonal line)

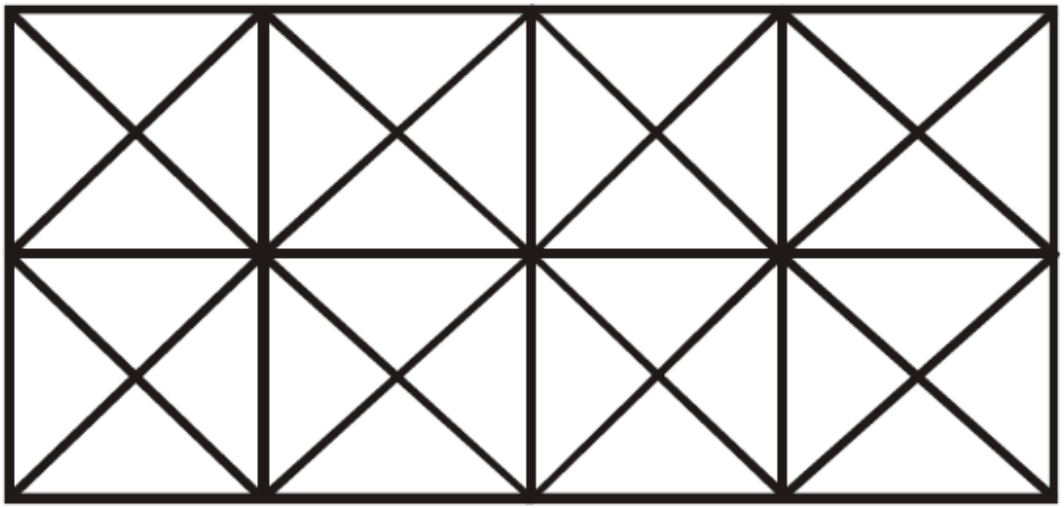
Count the Square



(a) 14 (b) 13 (c) 12 (d) 10

2 big Square with 4 Small Square.
5 +5 =10
Both side =2
Square adjacent to big diagonal line square =2
Total = 14

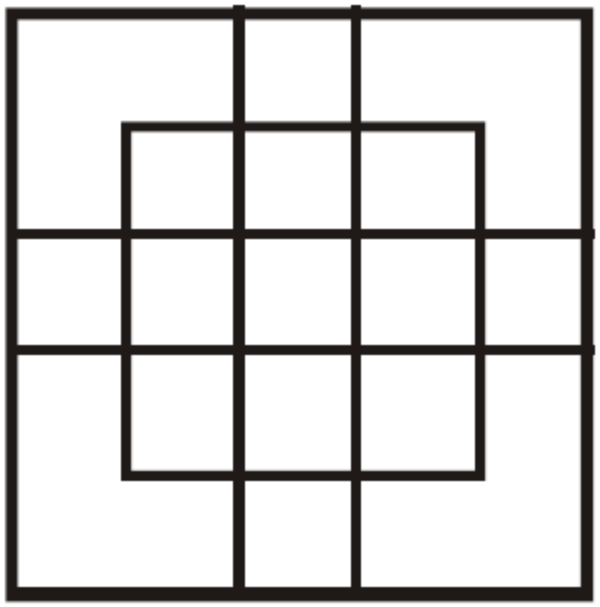
Count the Square



(a) 11 (b) 21 (c) 24 (d) 26

4x3+3x1 =11
3 diagonal Square with 4 small,
2 small are common
3x5 - 2=13
© 24

Count Square

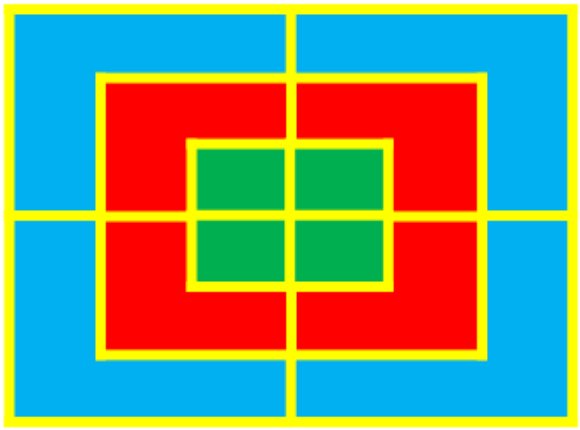


(a) 18 (b) 19 (c) 25 (d) 27

Inner square
3x3+ 2x2 = 14
Centre small =4
Corner Medium =4
Corner big =4
Full =1
Total 27

Square

(1)10
(2)15
(3)20
(4)25

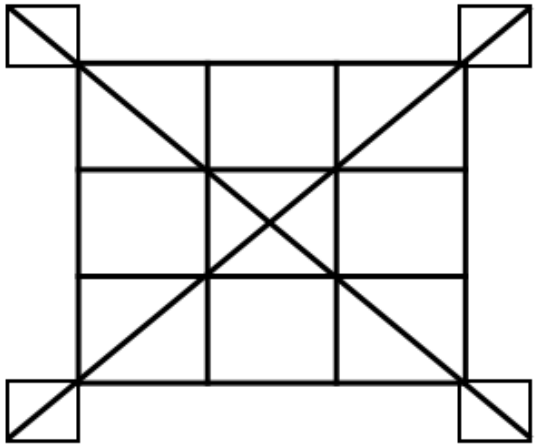


3 Square figure with contains 5 Square each

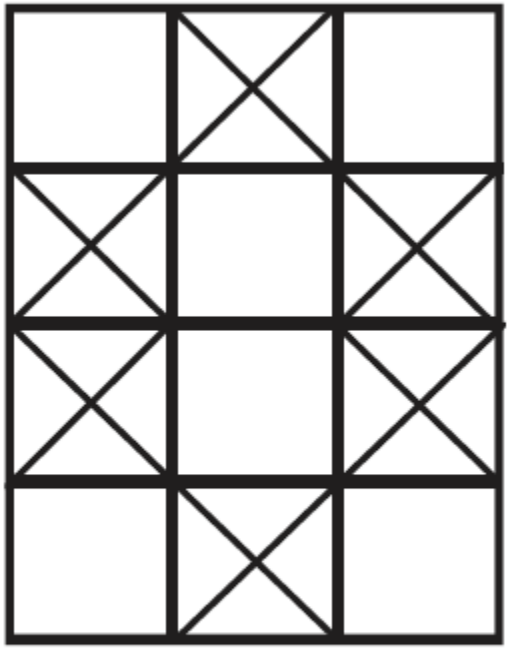
5 x3 = 15

Square

(1)18
(2)22
(3)26
(4)30



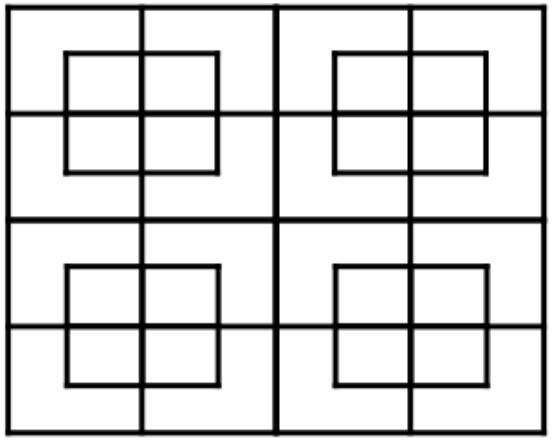
Square of row number and add 1+4+9 =14 plus 4 in corners



(a) 20 (b) 23 (c) 12 (d) 18

Vertical Line
4x3+3x2+2x1=20
Diagonal Line
small 2 big 1
Total 23

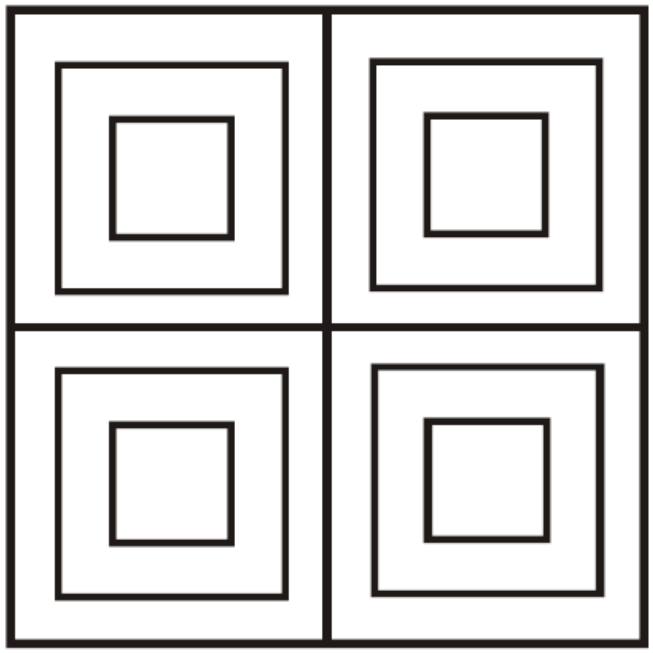
Square



(1)50
(2)42
(3)44
(4)64

Big size 4 rows 1+4+9+16 = 30
Small size one + =5 -> 5x4 =20
Total 50

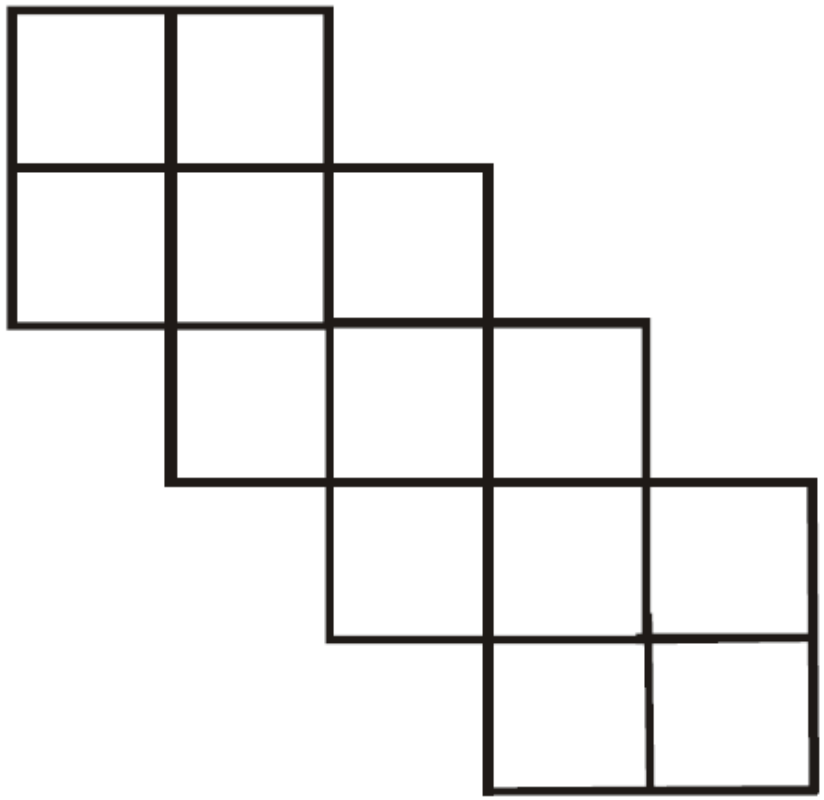
Count Square

4. 

(a) 14 (b) 13 (c) 10 (d) 12

3x4 =12
1 big
Total 13

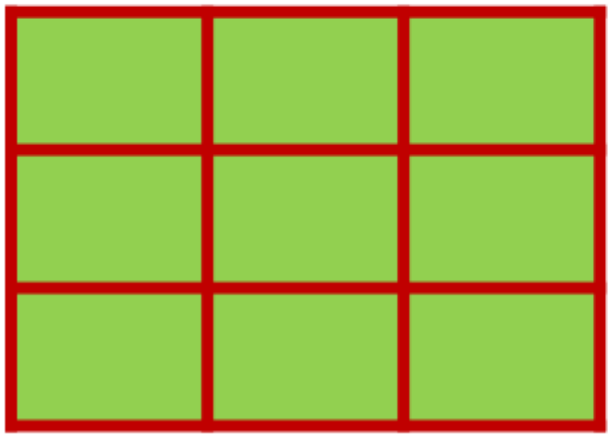
Count Square



(a) 14 (b) 18 (c) 17 (d) 12

4 Big Square
with 5 square
5x4 =20
Common -3
Total = 17

Rectangle



(1)20
(2)32
(3)14
(4)36

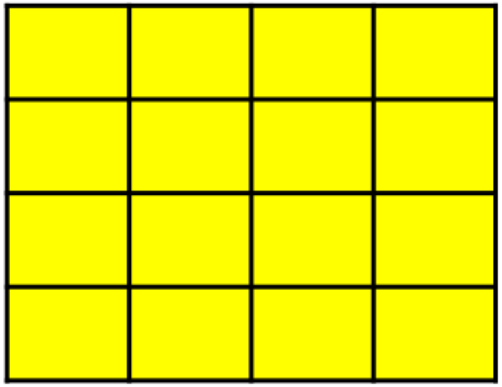
Row 1,2,3 add them 1+2+3 =6
Column 1,2,3 Add 1+2+3 = 6
Multiply 6x6 =36

Count the Rectangles in Figure

Rectangle

10=

4
+
3
+
2
+
1

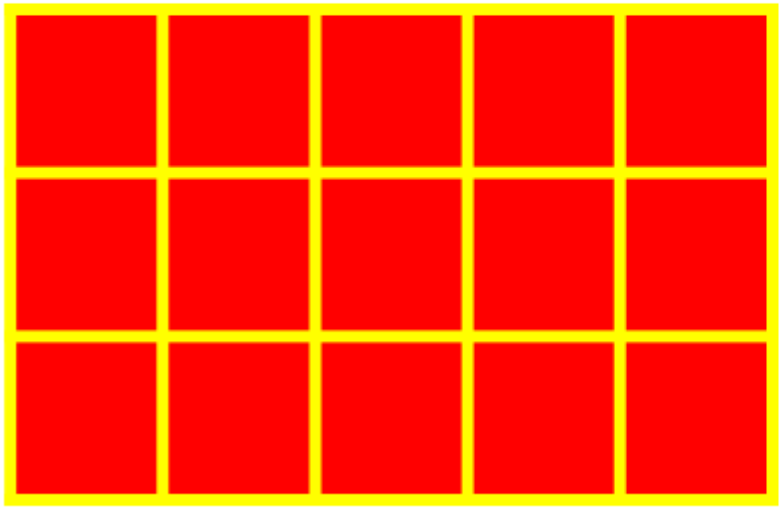


1 + 2 + 3 + 4 = 10

(1)100
(2)120
(3)320
(4)36

10 x 10 = 100

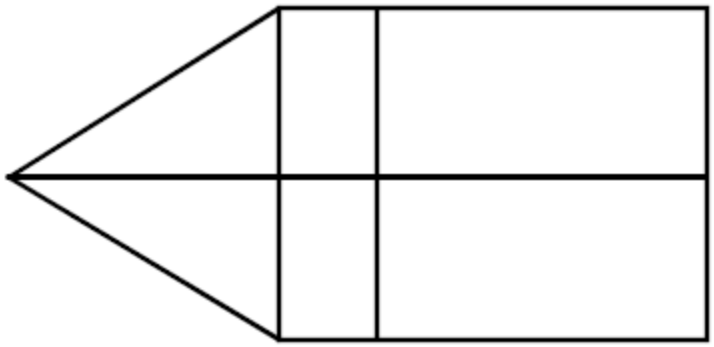
Rectangle



(1)75
(2)90
(3)80
(4)105

R = 3 -> 1+2+3 = 6
C = 1+2+3+4+5 = 15
6x15 =90

Count Rectangle

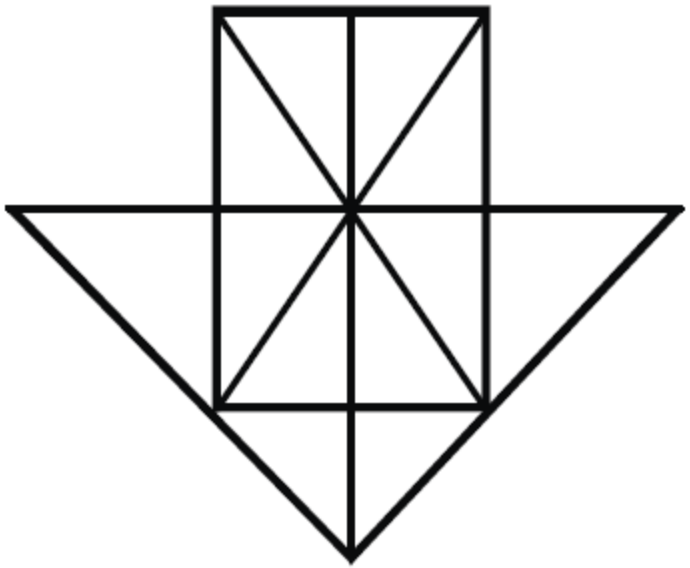


(a) 9 (b) 6 (c)7 (d) 4

R: 1+2 =3
C: 1+2 = 3
3x3 = 9

Count Rectangle

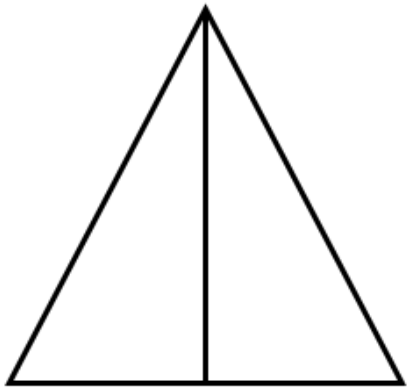
).

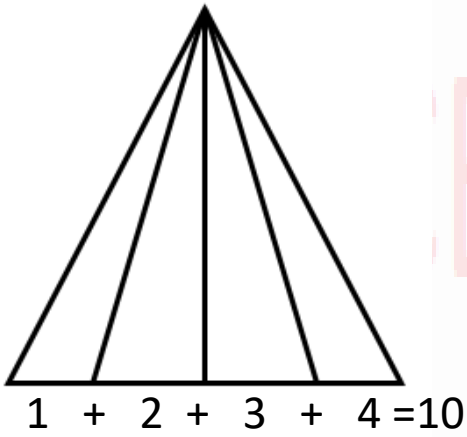


(a) 16 (b) 9 (c) 15 (d) 6

1+2 =3
1+2 = 3
3x3 = 9

Triangle

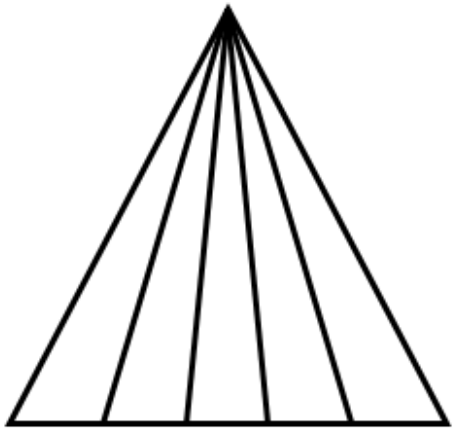




(1)10
(2)4
(3)7
(4)6

Give number to triangles and add them = 1+2 =3
1+2+3+4 = 10

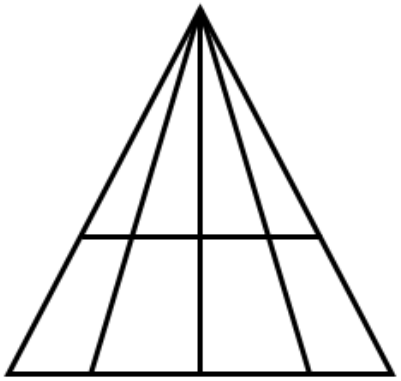
Triangle



(1)20
(2)15
(3)14
(4)10

Number of Triangles
1+2+3+4+5 = 15

Triangle

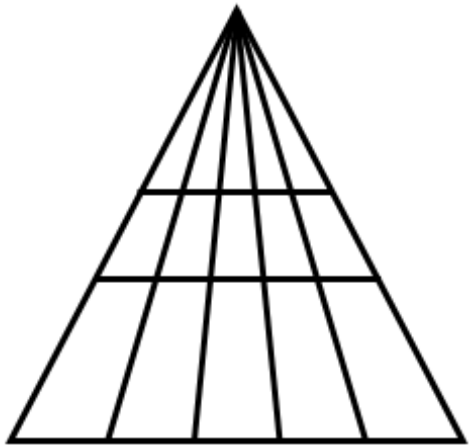


(1)20
(2)32
(3)14
(4)36

1+2+3+4 = 10

One line 10 +10 =20

Triangle



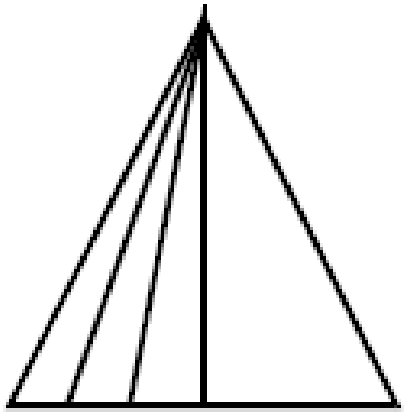
(1)30
(2)40
(3)45
(4)60

1+2+3+4+5 = 15

15 +15 +15 = 45

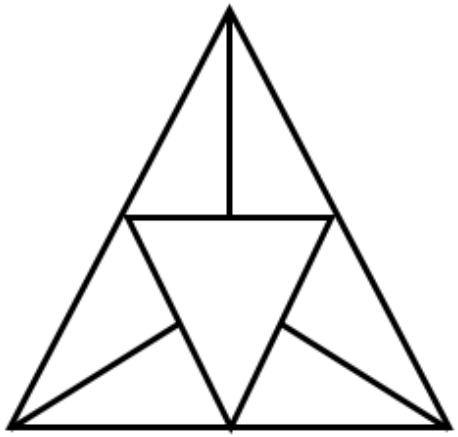
- Count Triangle

1+2+3+4 = 10



(a) 5 (b) 12 (c) 9 (d) 10

Triangle



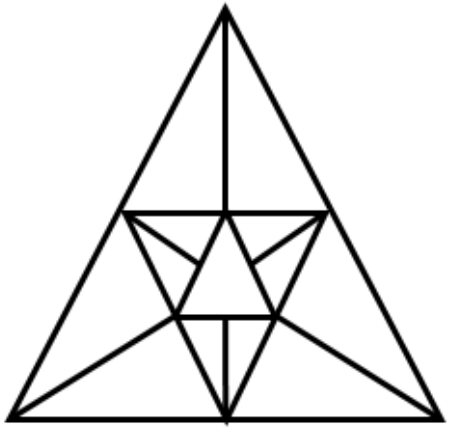
3 + 3 + 3 =9

Hidden = Big +small =2

Total = 11

(1)10
(2)12
(3)14
(4)11

Triangle



(1)20
(2)21
(3)24
(4)22

Medium 3 x 3 =9

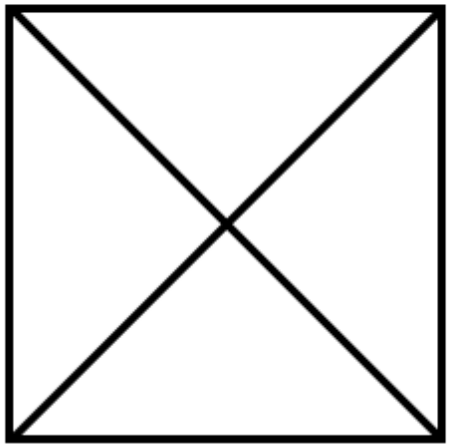
Small 3x3 =9

Hidden big, medium and small

Total = 9+9+3=21

Triangle

Count triangle in a Square Figure

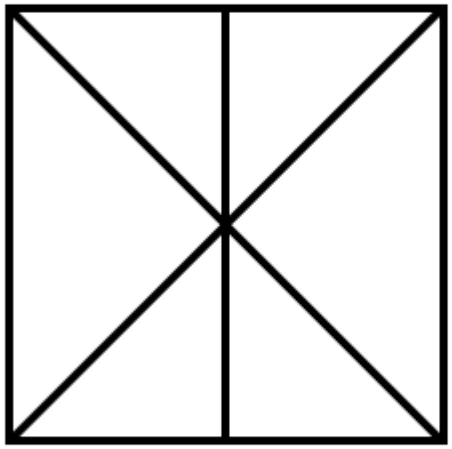


Number the triangle 1,2,3,4

Multiply by 2, 4x2 =8

(1)4
(2)6
(3)10
(4)8

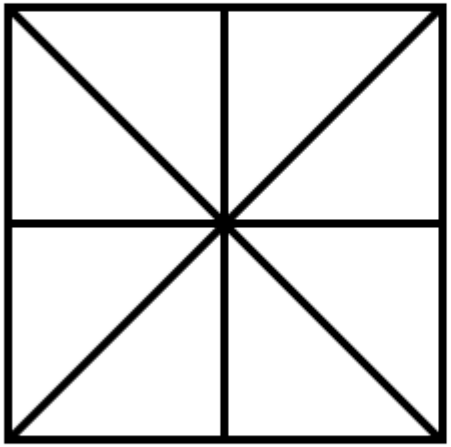
Triangle



Total Portion = 6
6x2 = 12

(1)12
(2)16
(3)10
(4)14

Triangle

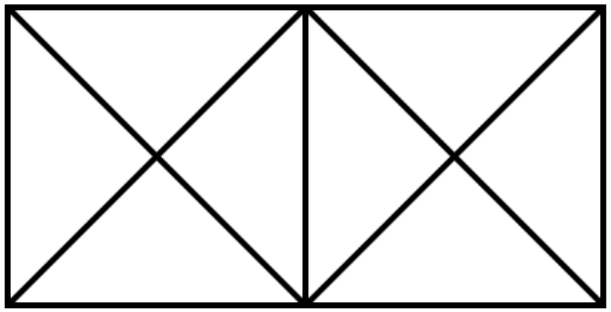


Number of Triangles
8x2 = 16

(1)12
(2)16
(3)10
(4)14

Count the Triangles

Triangle



(1)22
(2)16
(3)20
(4)18

First Square
Portion : 4, 4 x2 = 8

2 nd Square
Portion : 4, 4 x2 = 8

Hidden 2 =18

3 Square with 4 portion each
4x2x3 =24

Hidden big size 4 =28

Triangle

(1)32
(2)26
(3)30
(4)28

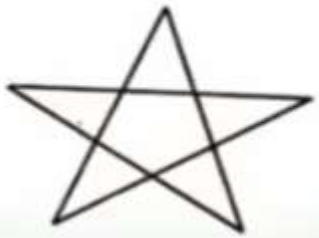
5 Normal count

After that intersect points 5

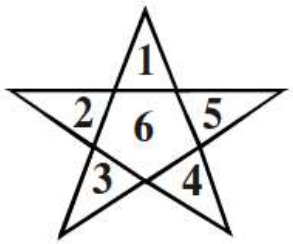
Each point give a triangle

Total 10

Triangles



(1)5
(2)8
(3)10
(4)11



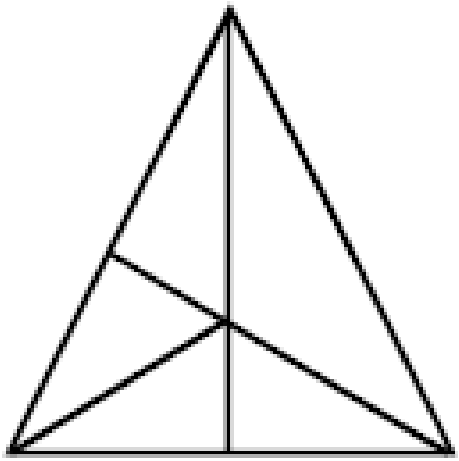
व्याख्या-

स्वतंत्र त्रिभुज–1, 2, 3, 4, 5

तीन आकृति से बनने वाले त्रिभुज–164, 163, 265, 365, 264

अत: कुल त्रिभुजों की संख्या–5 + 5 = 10

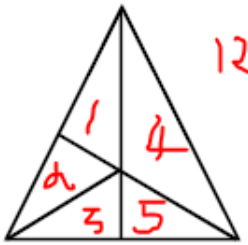
- Count Triangle



(a) 12 (b) 16 (c) 10 (d) 11

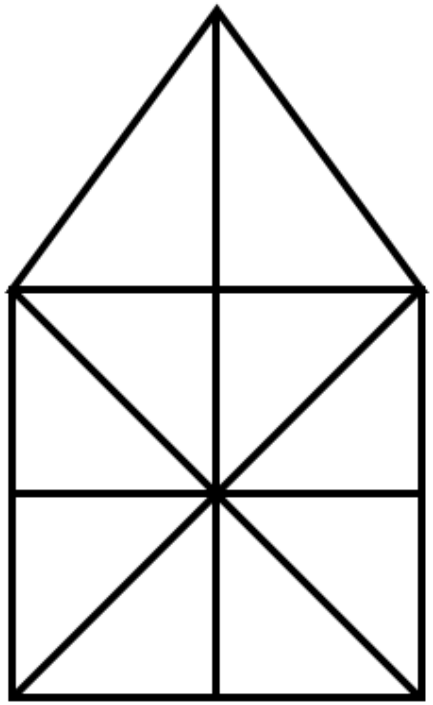
12, 35, 45, 14

123, 235, Full



(a) 12 (b) 16 (c) 10 (d) 11

Triangle



Square with 8 portion

8x2 =16

Upper portion = 3

Hidden big (Upper + Square) = 2

Total = 21

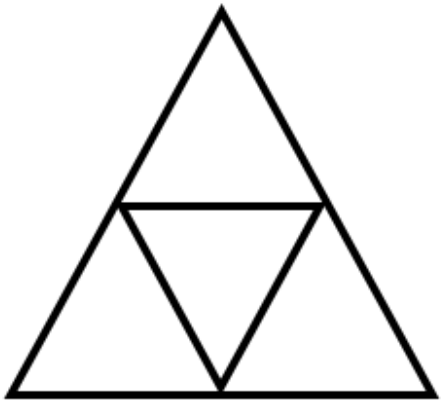
(1)21

(2)16

(3)18

(4)19

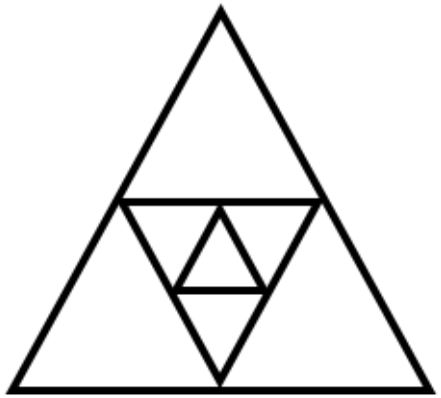
Triangle



(1)2
(2)6
(3)5
(4)4

Simply Count
Nothing is common or hi
Total = 5

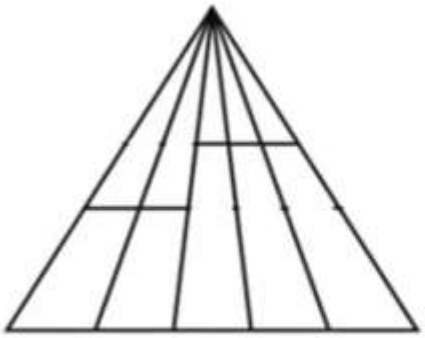
Triangle



(1)3
(2)9
(3)12
(4)8

9

TRIANGLES



(1)30
(2)18
(3)24
(4)36

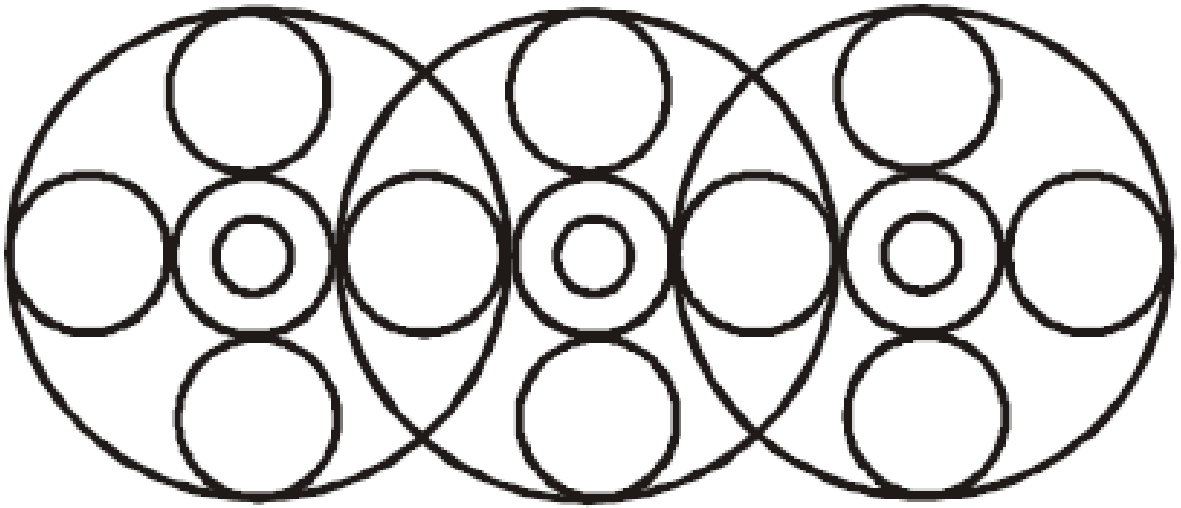
1+2+3+4+5 =15

1+2 = 3

1+2+3 =6

Total = 24

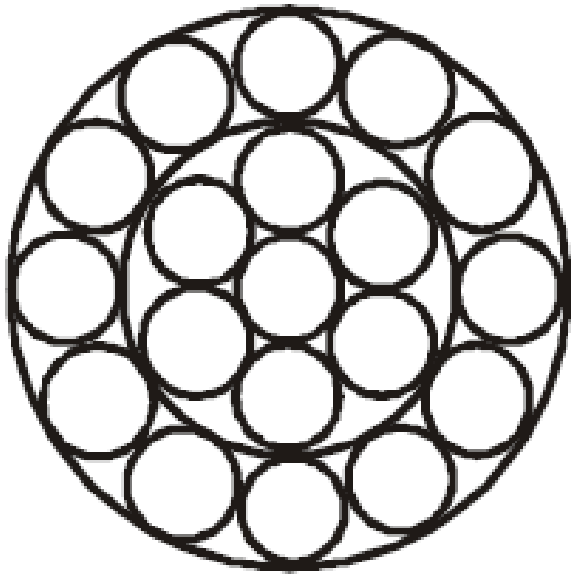
- Count the Circles



(a) 18 (b) 19 (c) 16 (d) 20 **(b**

In one Big circle = Big1 + Medium 5 + Small at center 1 = 7
Total 3 Figures = 7x3 =21
Common Circles in 1&2 and 2& 3 = 2
Total Circles = 21- 2 = 19

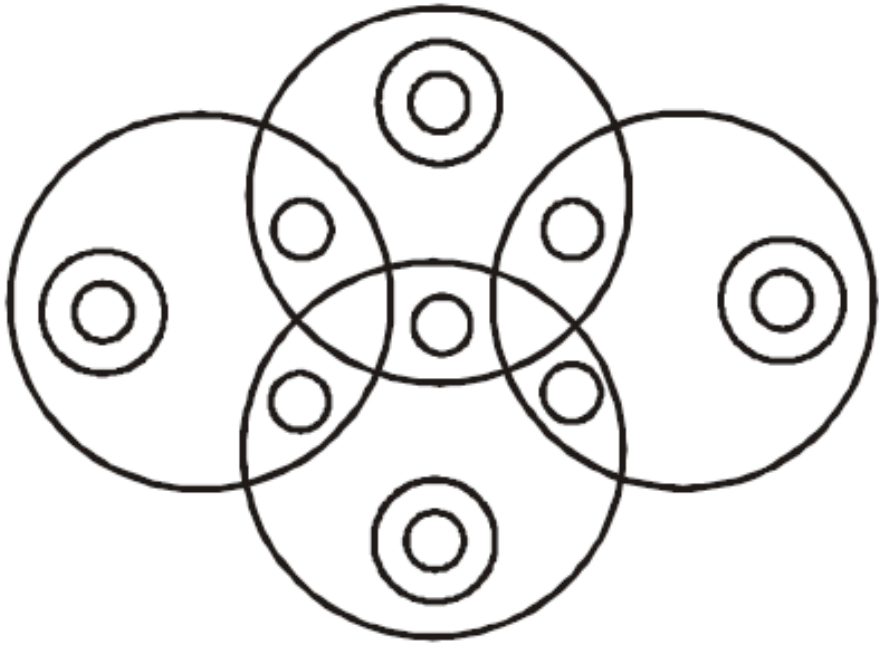
Count the Number of Circles in figure



(a) 10 (b) 15 (c) 20 (d) 21

Inner 1+7 =8
Outer 1+12=13
Total = 21

Count the Circles



(a) 13 (b) 17 (c) 16 (d) 22 **(b)**

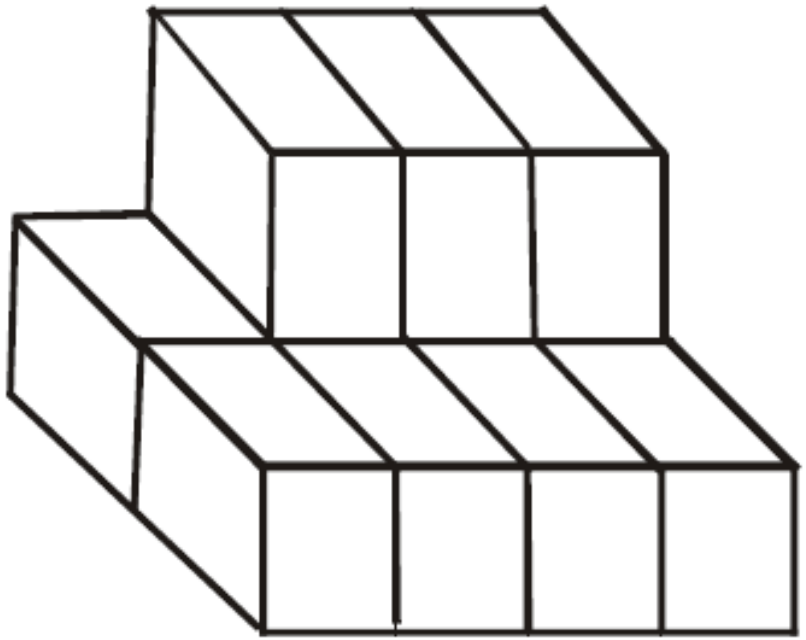
4 Circles group with 3 Independent Circles

4x3 =12

Circles in Common area = 5

Total 12+5 =17

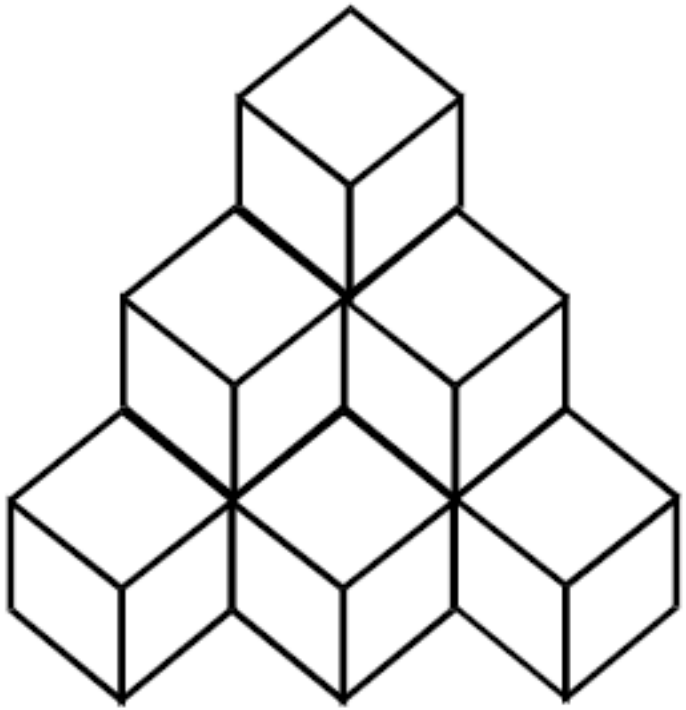
. दिए गए प्रश्न में घनों की संख्या करो



(a) 15 (b) 14 (c) 11 (d) 5

Ground Floor 4x2 =8
First floor = 3
Total = 8+3 =11

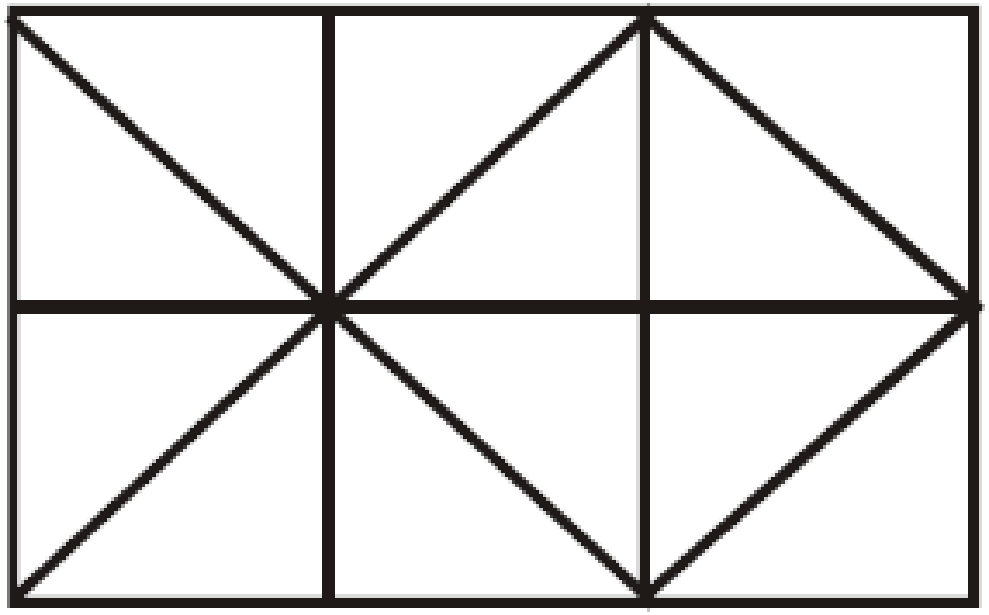
ण–नीचे दिए गए चित्र में कितने घन हैं



a) 6 (b) 10 (c) 12 (d) 8

Ground =6
1 st = 3
2 nd =1
Total = 10

Count Number of Straight Line



Horizontal lines = 3
Perpendicular Lines = 4
Diagonal lines = 4
Total = 11

- A) 10 b) 11 c) 12 d) 13

Thanks

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