Mahendra's

SSC CGL/CPO/CHSL

REASONING

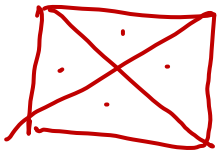
FIGURE COUNTING

PART-3

LIVE 07:30 PM

COUNT NUMBER OF TRINGLE

H.W.



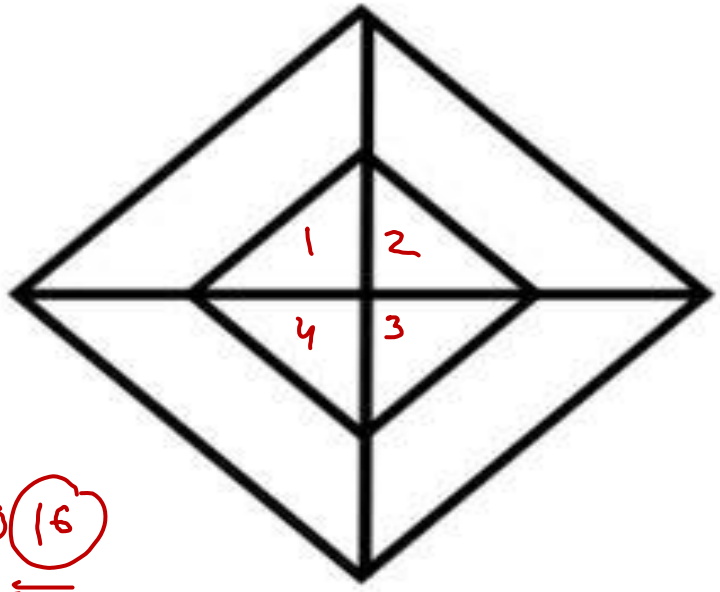
4×2 = 8

4×2 = 8

8

16

=> 16



COUNT NUMBER OF ITRINGLE

A. 17
B. 20
C. 18
D. 19

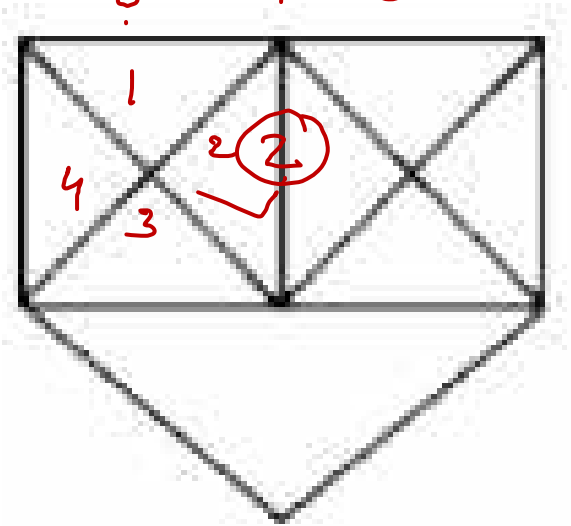
16 + 2 = 18

+1

19

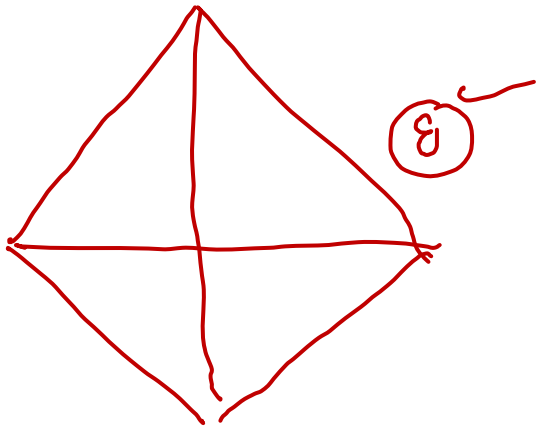
19

8 + 8



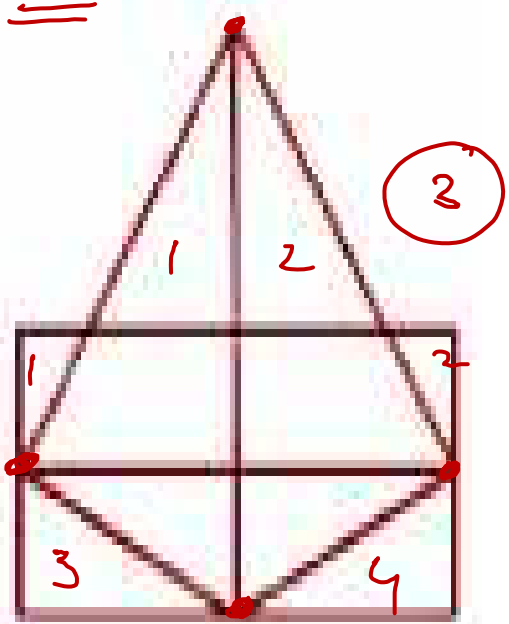
COUNT NUMBER OF ITRINGLE

A. 15
B. 12
C. 10
D. 9



8 + 3 + 4 = 15

6 + 7 = 15



COUNT NUMBER OF ITRINGLE

A. 25
B. 26
C. 22
D. 24

24

4 × 2 = 8

4 × 2 = 8

+ 2

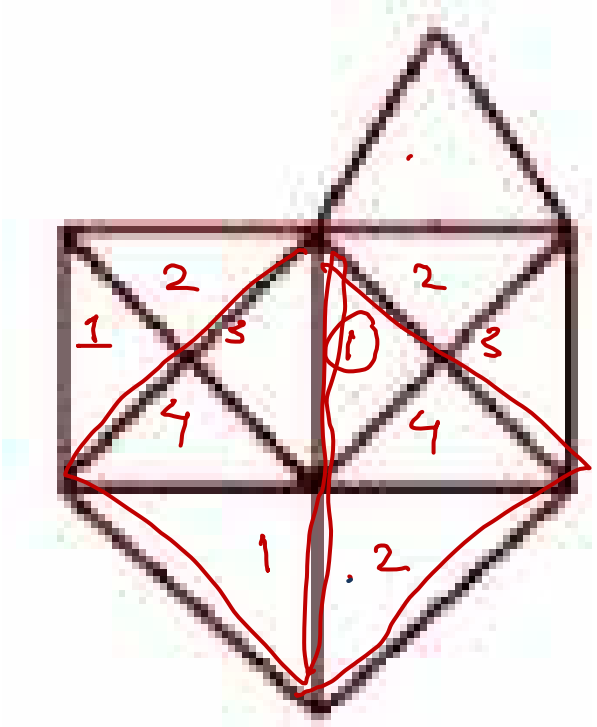
18 + 3 + 1

22

+ 2

24

24



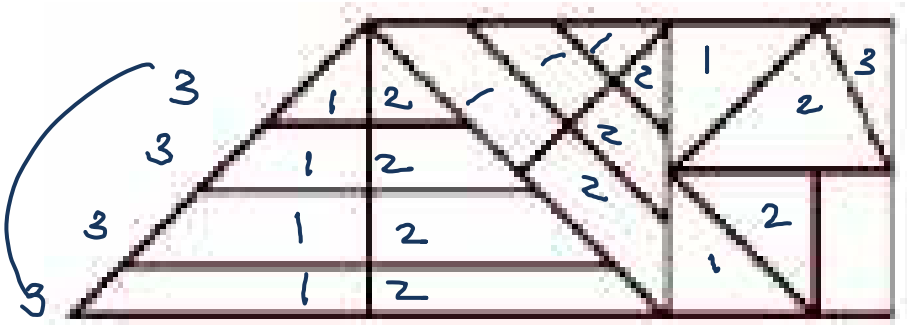
COUNT NUMBER OF ITRINGLE

A. 27
B. 25
C. 28
D. 26

12 + 9 + 3 + 2

26

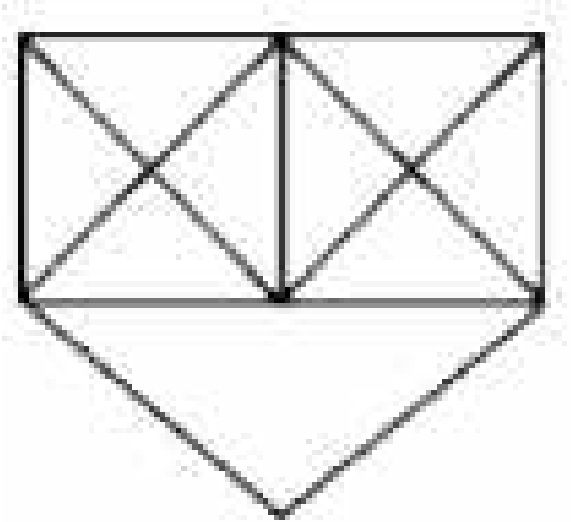
26



COUNT NUMBER OF ITRINGLE

A. 17
B. 20
C. 18
D. 19

already done



COUNT NUMBER OF ITRINGLE

A. 10
B. 9
C. 12
D. 11

7 + 1 + 1 + 1 = 10 + 1 = 11

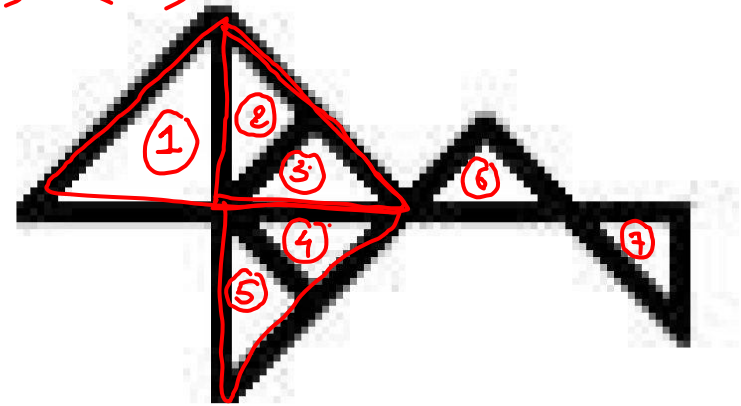
1,2,3

(2,3)

(5,4)

1

(2,3,4,5)



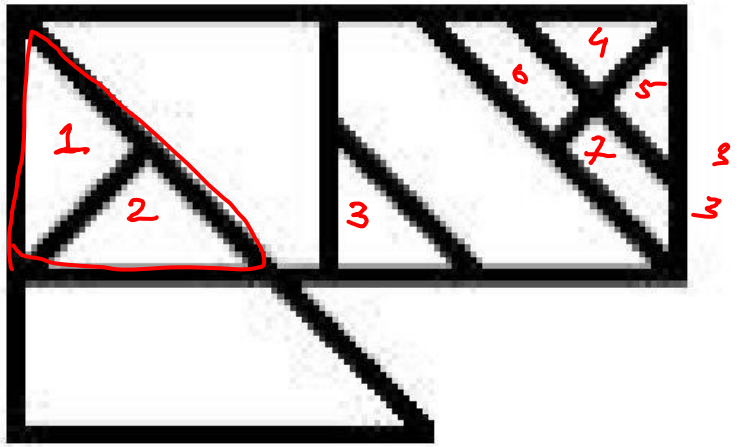
COUNT NUMBER OF ITRINGLE

A. 12
B. 10
C. 11
D. 13

3 + 1 + 1 + 6 = (11)

(11)

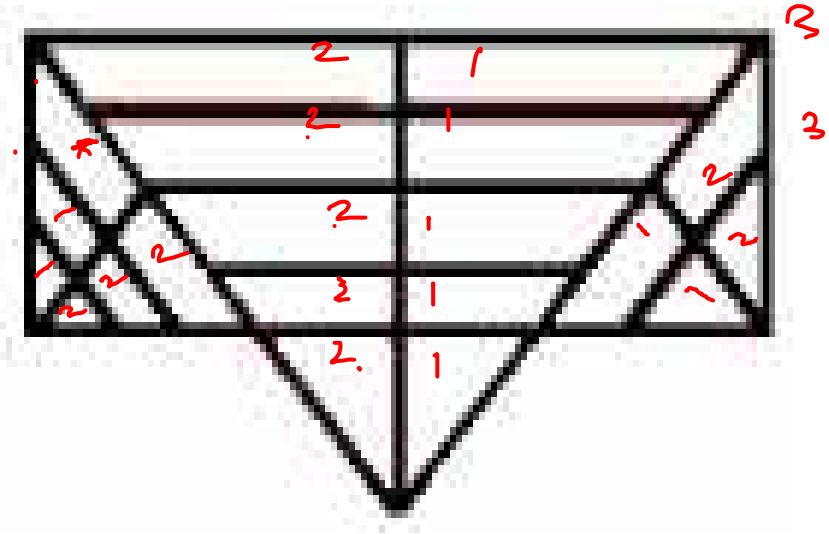
Correct Ans.



COUNT NUMBER OF TRINGLE

A. 28
B. 32
C. 31
D. 30

$3 \times 5 = 15$
$+ 9$
$+ 6$
30



COUNT NUMBER OF TRINGLE

A. 22
B. 23
C. 24
D. 25

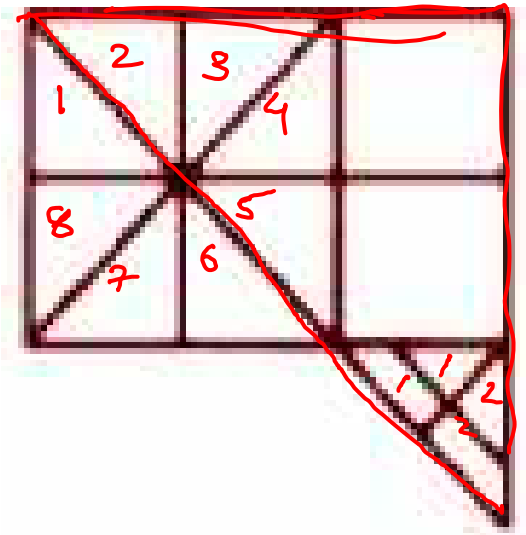
$8 \times 2 = 16$

$+6$

22.

$+1$

23



6

COUNT NUMBER OF SQUARE

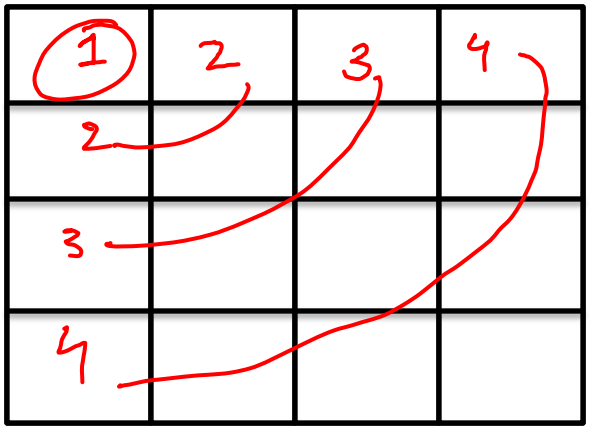
Example

A. 17
B. 20
C. 18
D. 19

Trick

m

h.



m = h

4 x 4 = 16
3 x 3 = 9
2 x 2 = 4
1 x 1 = 1

30

COUNT NUMBER OF SQUARE

A. 40
B. 50
C. 18
D. 19

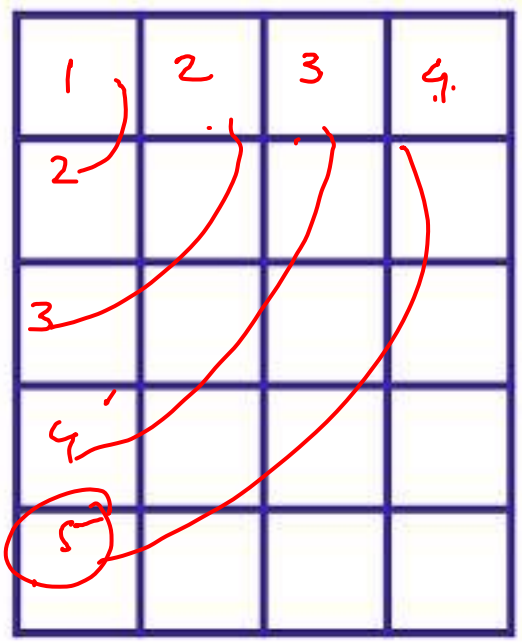
5 x 4 = 20

4 x 3 = 12

3 x 2 = 6

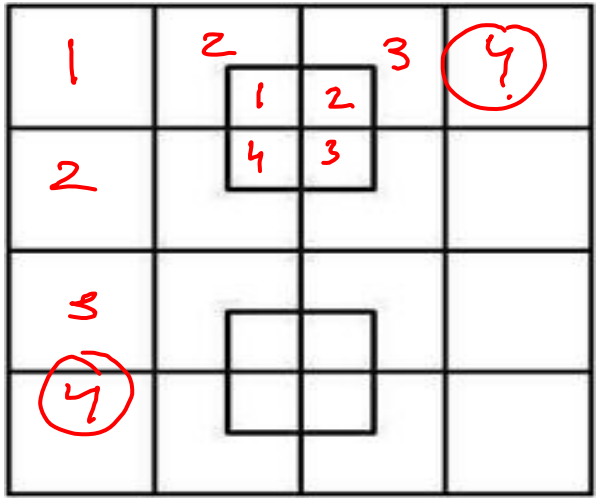
2 x 1 = 2

40



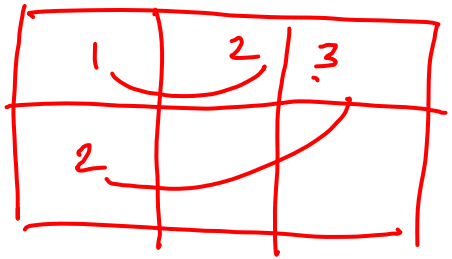
COUNT NUMBER OF SQUARE

A. 17
B. 20
C. 18
D. 19



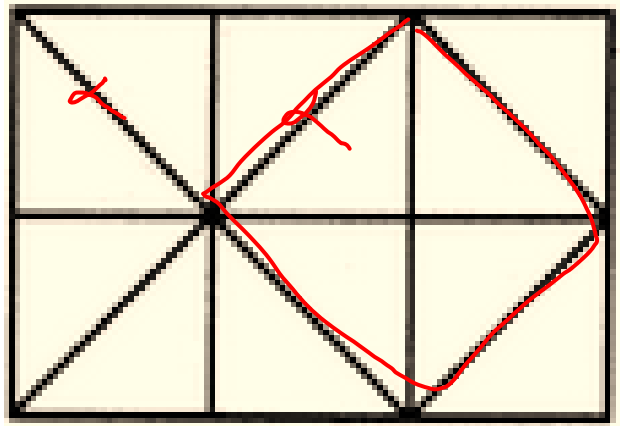
COUNT NUMBER OF SQUARE

A. 7
B. 6
C. 9
D. 10



6 + 2 = (8) + 1

= (9)



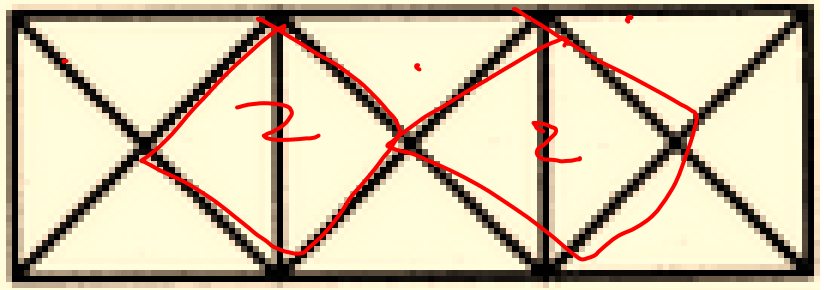
Count the number of triangles and squares in the given figure.

(A)
28 triangles, 3 squares

(B)
24 triangles, 5 squares

(C)
28 triangles, 5 squares

(D)
24 triangles, 3 squares



square

Triangle

3 + 2 (5 square)

COUNT NUMBER OF SQUARE

A. 17
B. 20
C. 18
D. 19

COUNT NUMBER OF RECTENGLE

A. 81
B. 100
C. 121
D. 110

m = h

$4^3 + 3^3 + 2^3 + 1^3$ $= n^3 + (n-1)^3 + (n-2)^3 + \cdots$

h

1	2	3	4
2			
3			
4			

10

1 2 3 4

4 + 3 + 2 + 1 = 10

10 × 10 = 100

10

COUNT NUMBER OF RECTENGLE

A. 150
B. 170
C. 180
D. 190