



COUNTING OF (-3) FIGURE

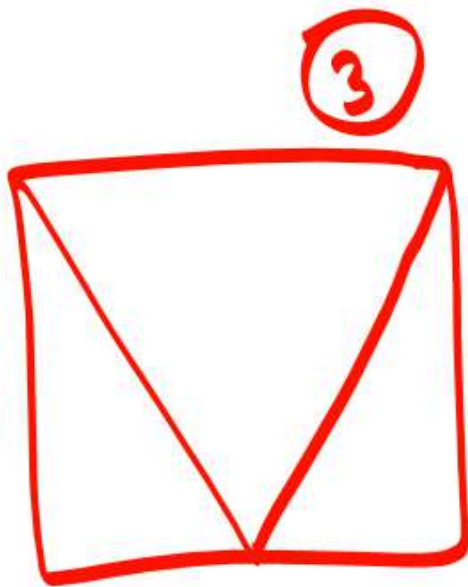
Counting of Triangles

त्रिभुजों की गणना

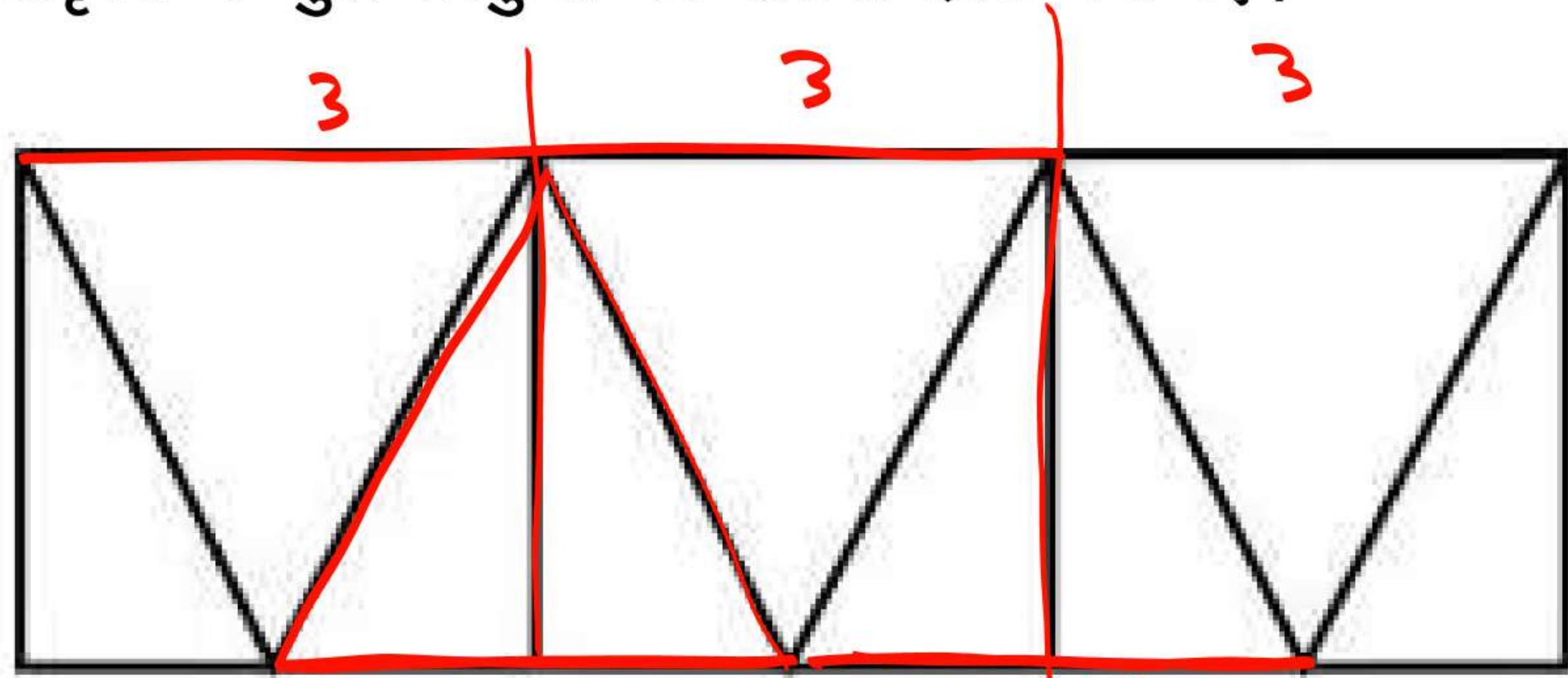
Construction + Combination

Find the total number of triangles in the figure.

आकृति में कुल त्रिभुजों की संख्या ज्ञात कीजिए।



$$0 + 1 + 2$$



(a) 9

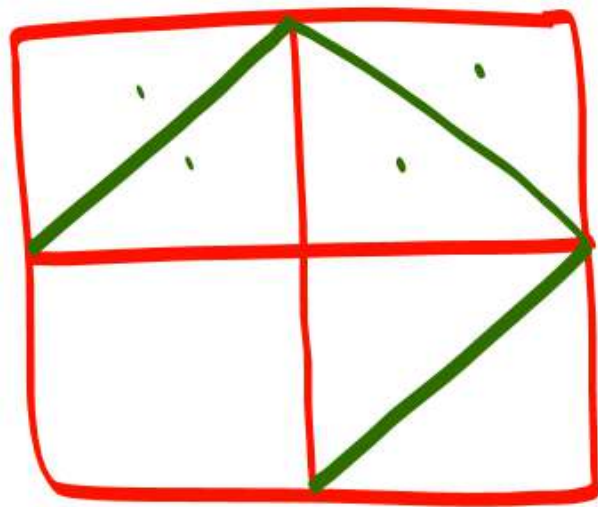
(c) 10

(b) 12

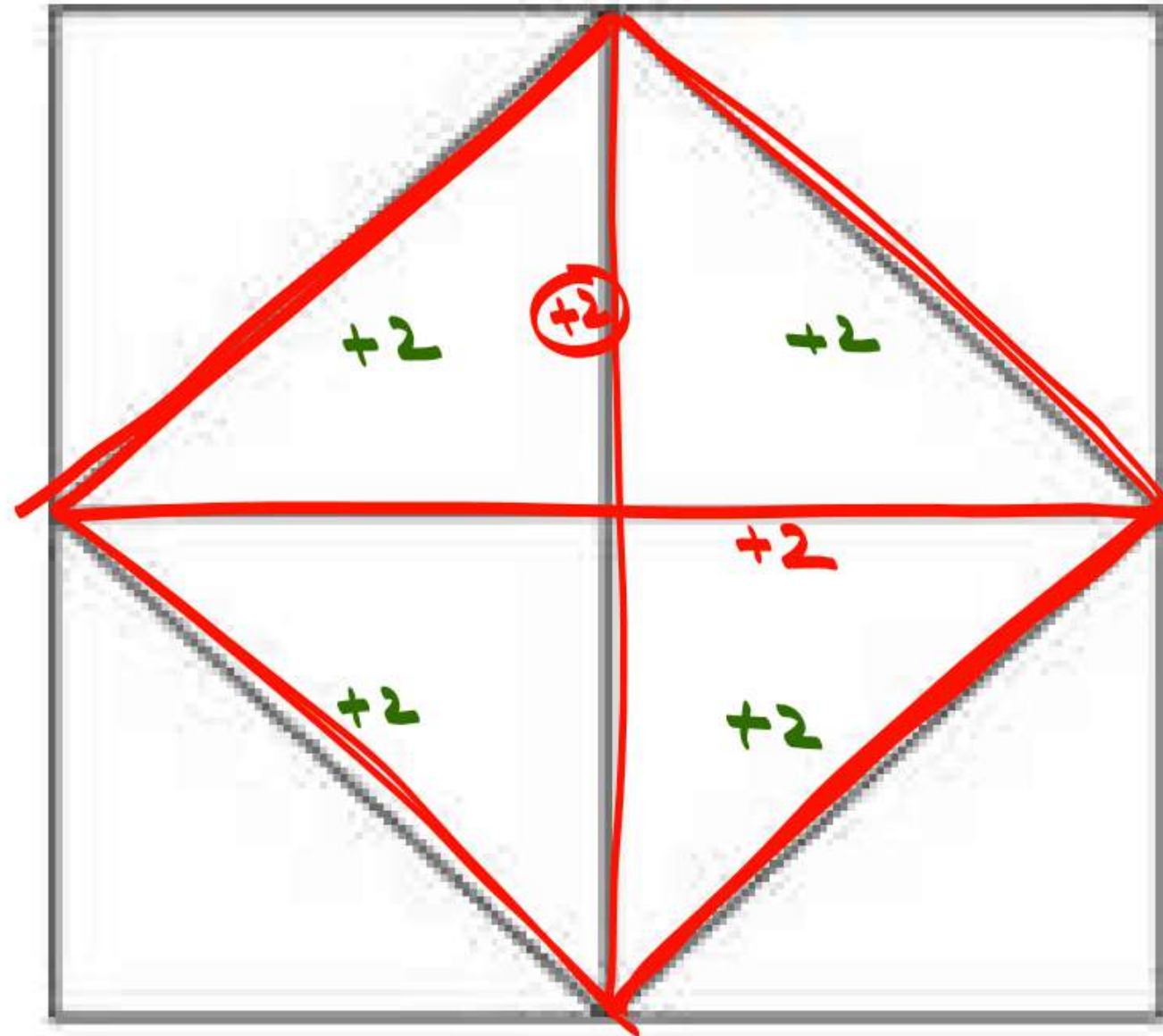
(d) 11

$$3 + 3 + 3 + \boxed{2} = 11$$

Find the total number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की कुल संख्या ज्ञात कीजिए।



$$0 + 2 + 2 + 2$$

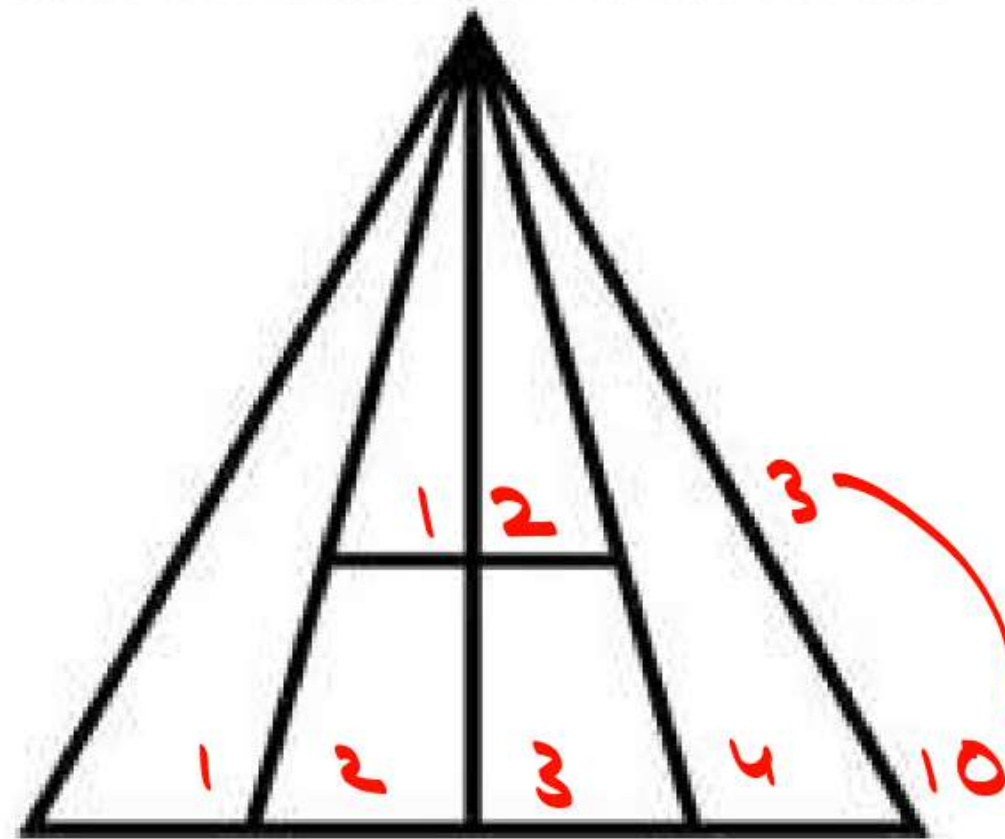


- (a) 9
(c) 11

- (b) 13
☒ (d) 12

How many maximum triangles are there in the given figure?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?



(a) 8

(b) 21

✓ (c) 13

(d) 15

नई रेखा → नया त्रिभुज

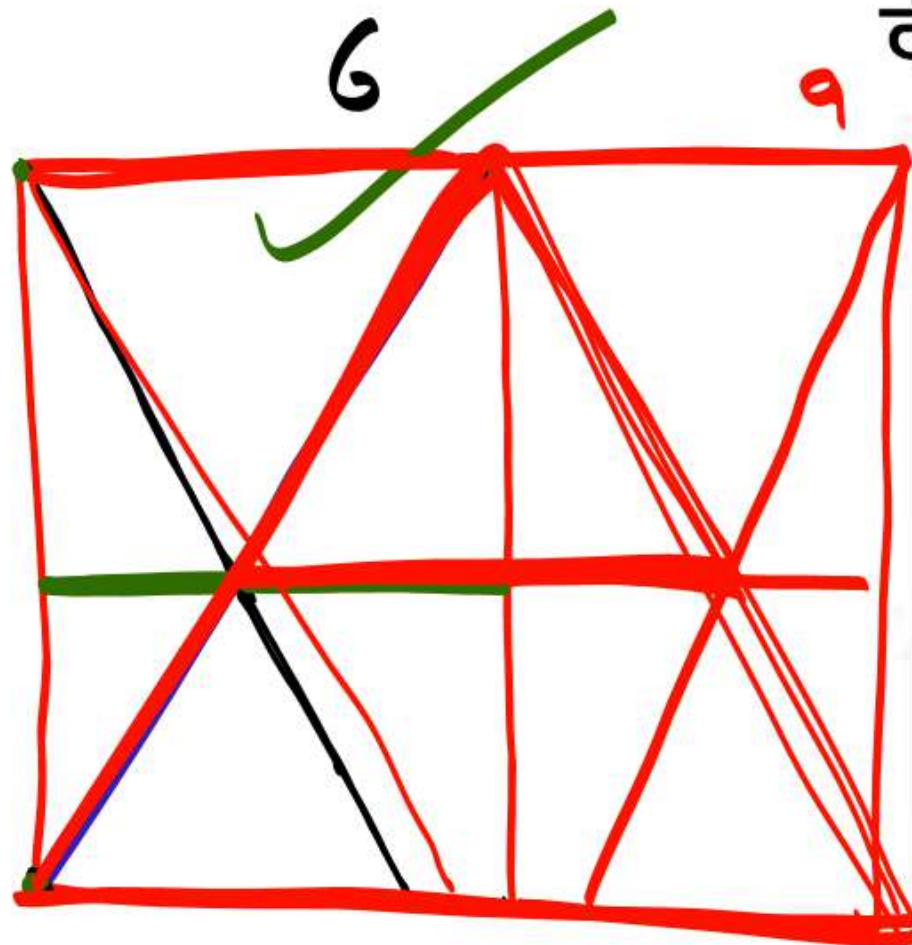
Q. No. :

26



How many triangles are there in the given figure ?

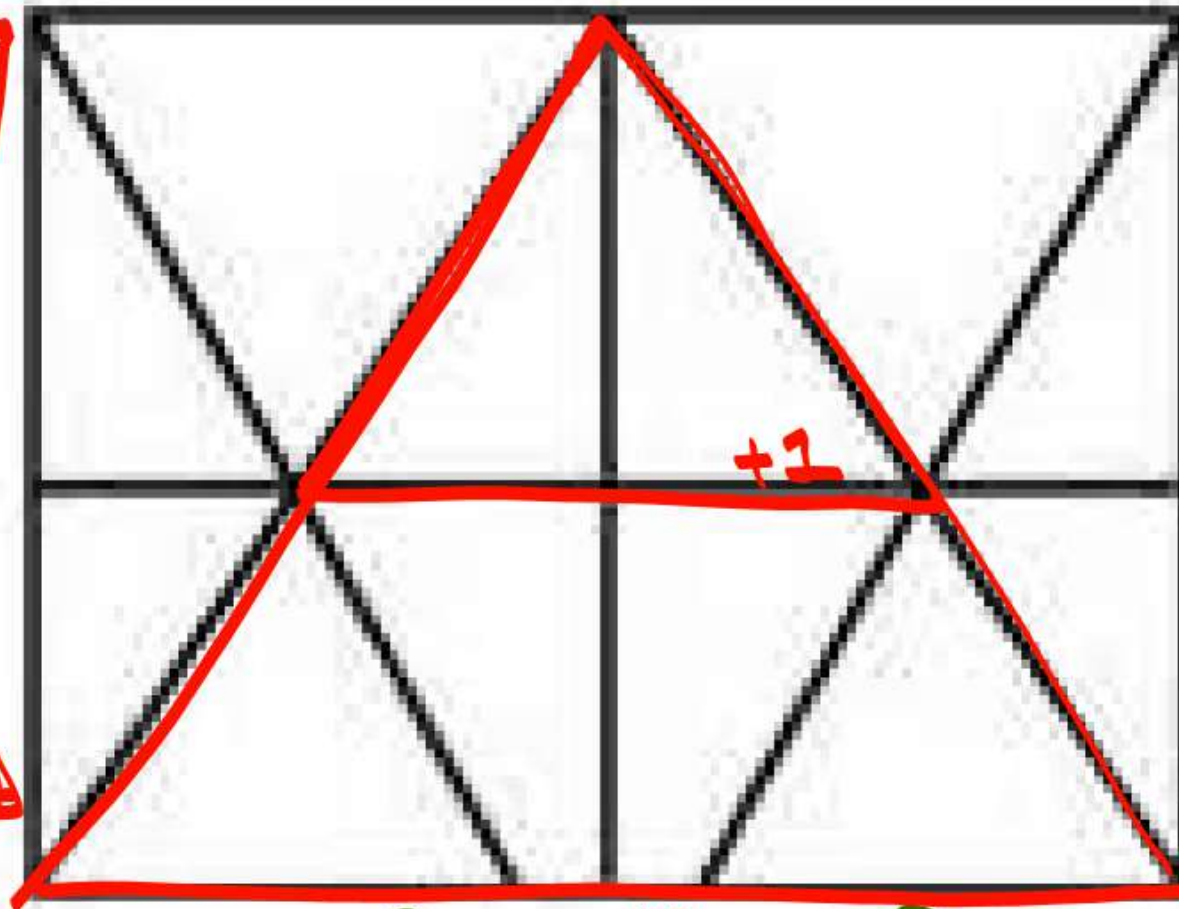
दी गई आकृति में कितने त्रिभुज हैं?



$$\begin{aligned} &+2+2+1+1 \\ &+2+1 = \textcircled{9} \end{aligned}$$

~~(a) 10~~

(c) 18



9

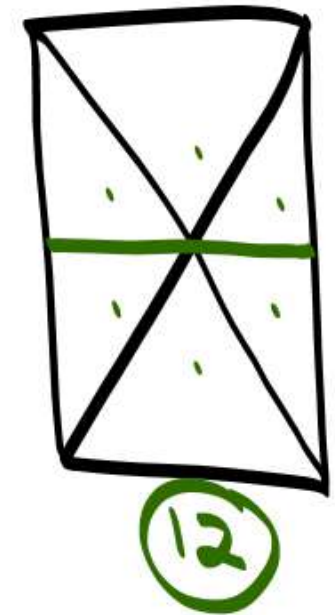
+1

9

$$9+9+2=20$$

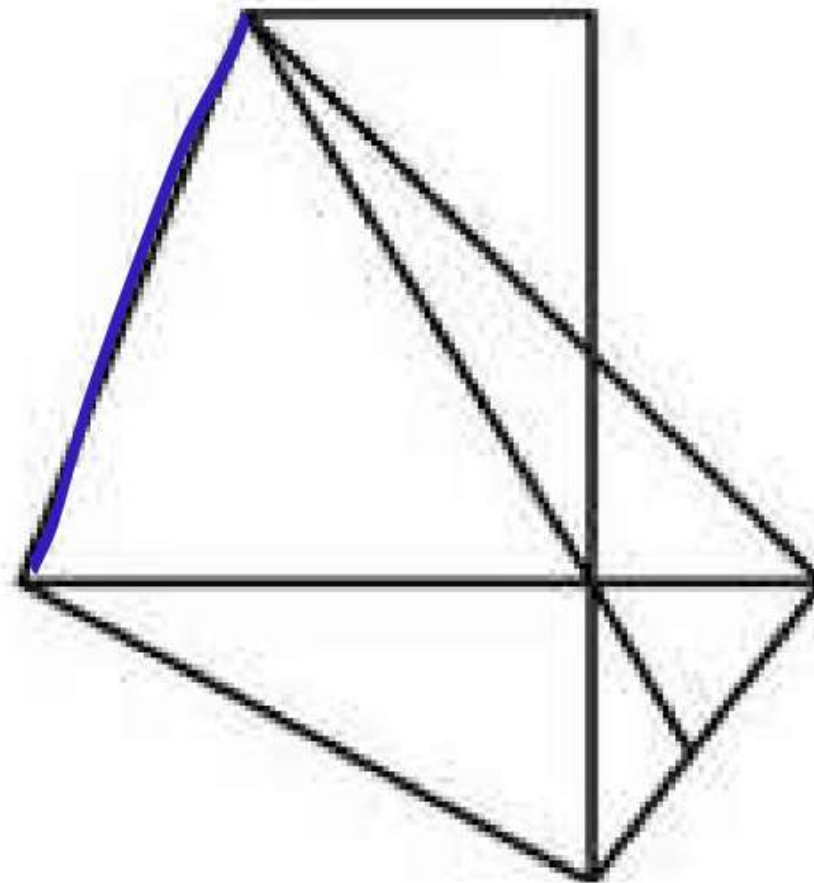
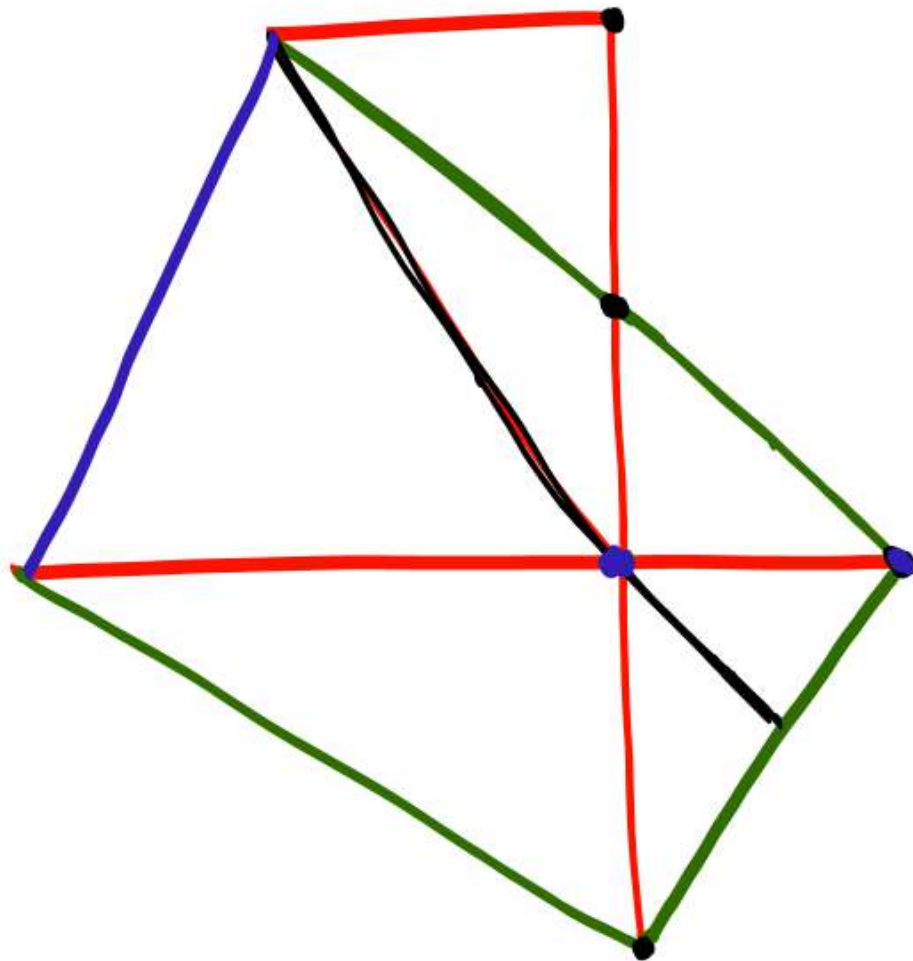
☒ (b) 20

~~(d) 12~~



8

दी गई आकृति में कितने त्रिभुज हैं?



(a)11
(c)12

~~(d)~~ 14

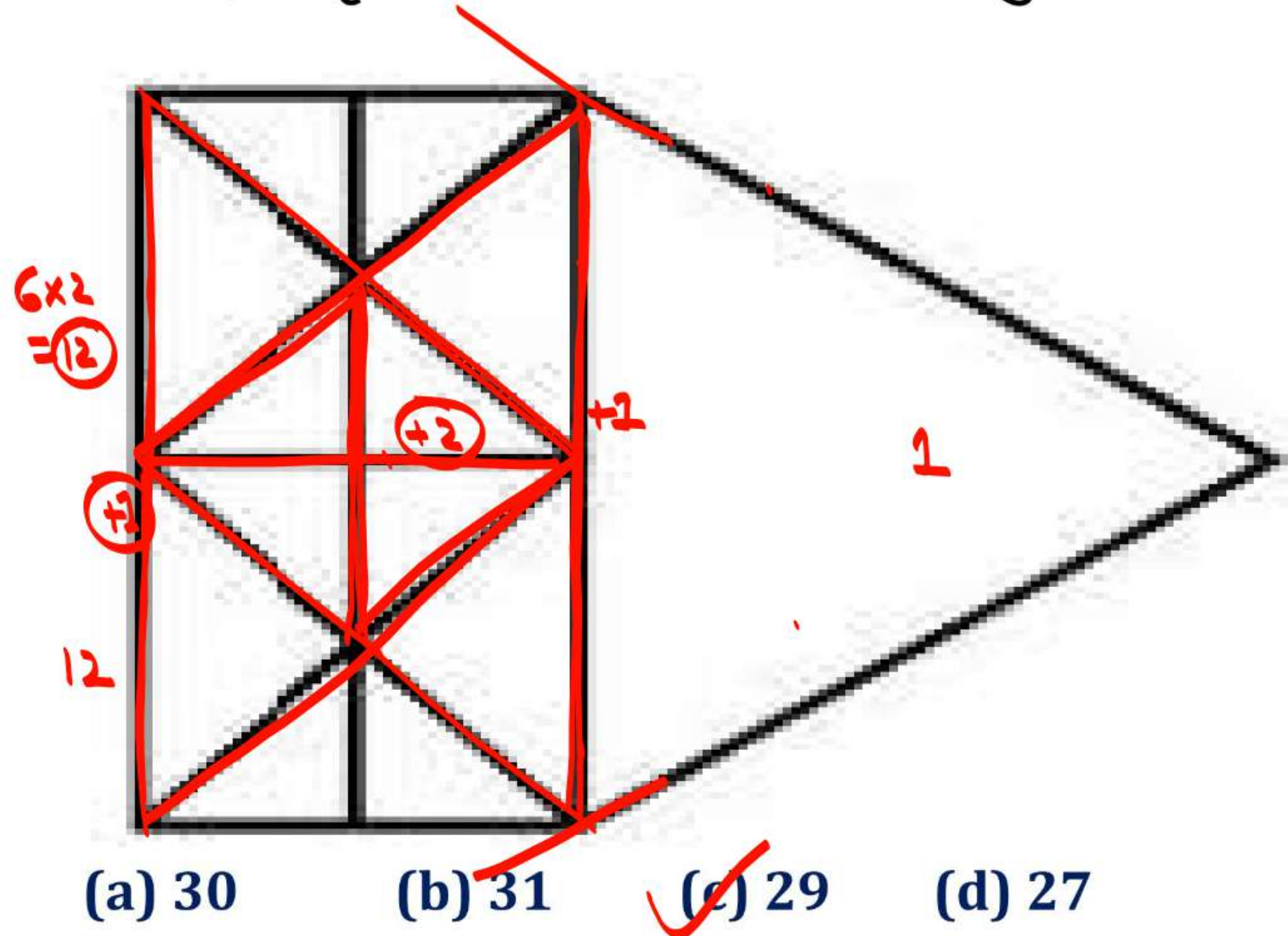
How many maximum triangles are there in the given figure?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?

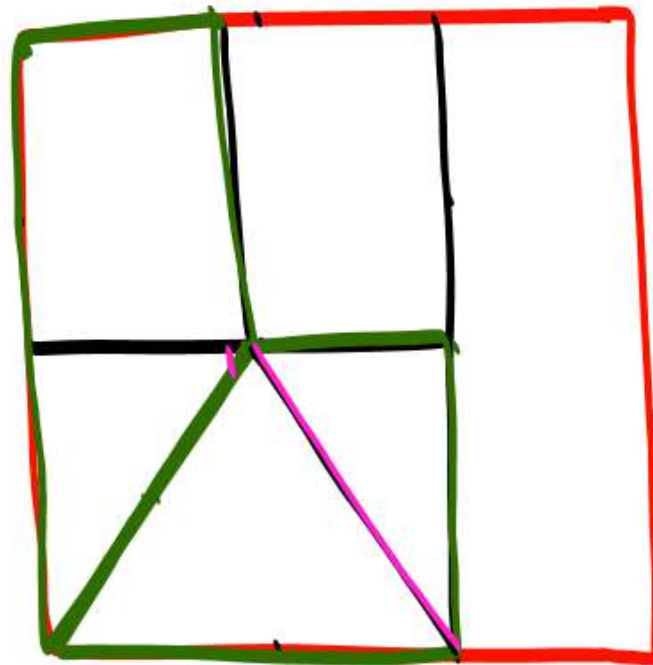
Construction

$$(12 + 12 + 1) + (2 + 1 + 1)$$

$$25 + 4 = 29$$



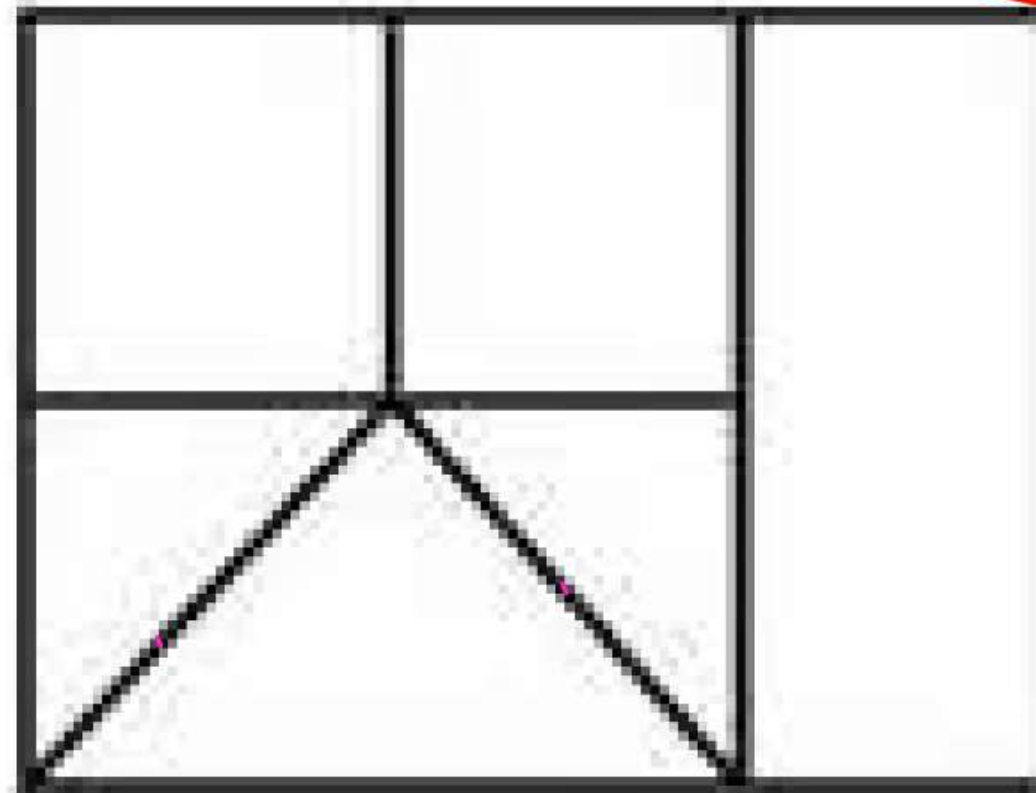
$$1+2+2+2$$



$$1+2+2$$

How many quadrilaterals are there in the given figure?

दी गई आकृति में कितने चतुर्भुज हैं?



(a) 12

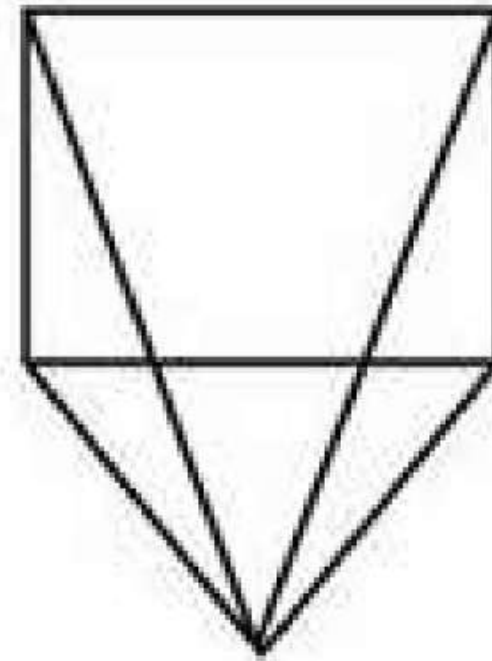
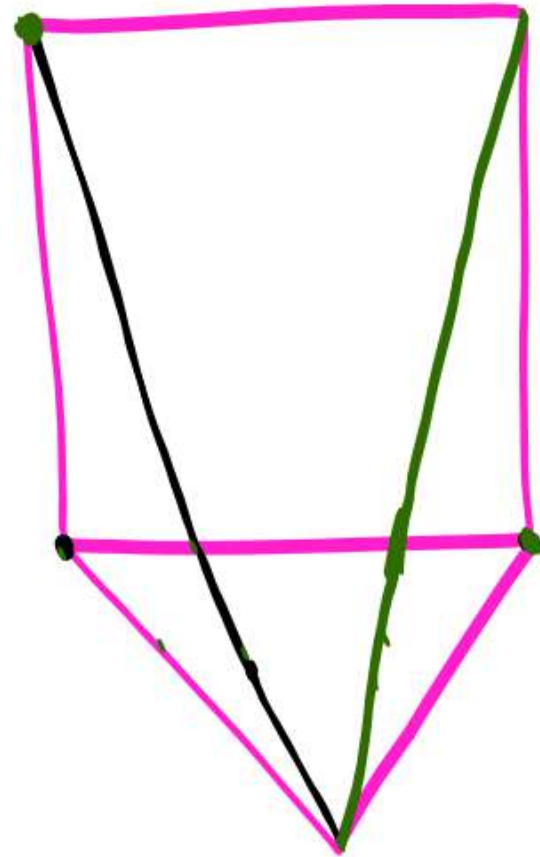
(c) 10

(b) 11

(d) 9

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 8

(c) 10

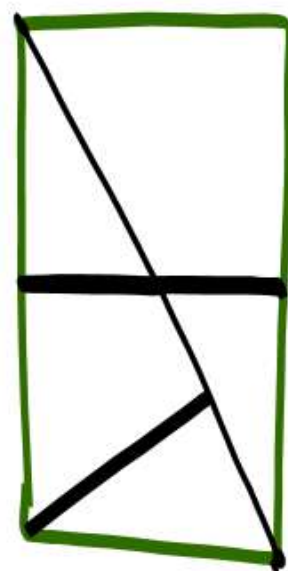
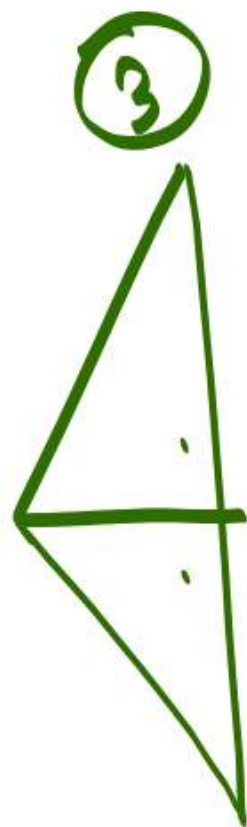
(b) 9

(d) 11

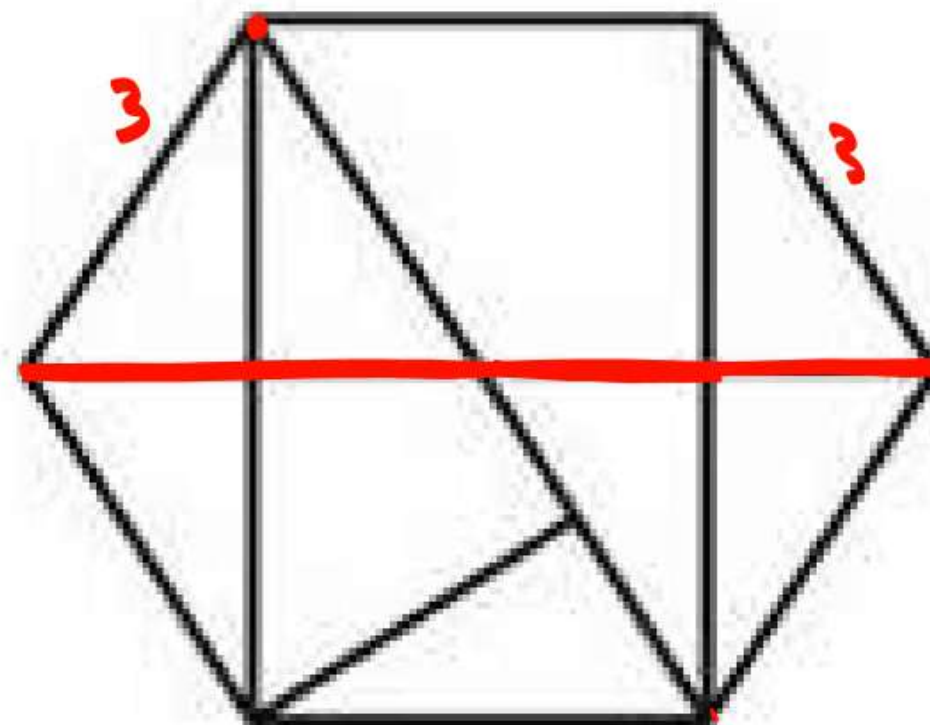
$$+1 + (1+2+1) + (1+3+2) \\ 1 + 4 + 6 = 11$$

How many triangles are there in the given figure ?

दी गई आकृति में कितने त्रिभुज हैं?



$$+2 + 2 + 1 + 1 = 6$$



(a) 18

(c) 25

Combination (संयोजन)
 $+1 + 1$

☒ (b) 14

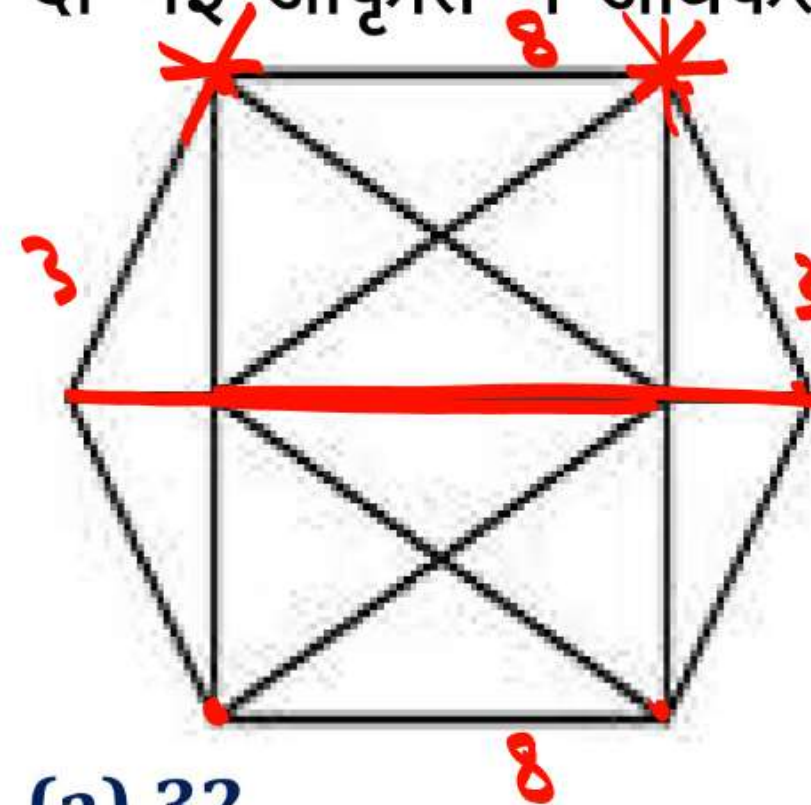
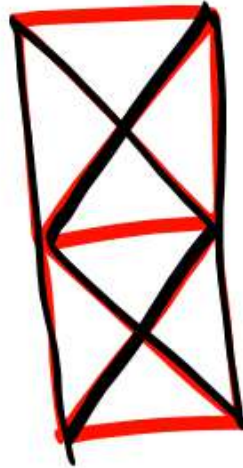
(d) 20

How many maximum triangles are there in the given figure ?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?

Construction + Combination

$$(\underline{3} + \underline{8} + \underline{8} + \underline{3}) + (\underline{2} + \underline{2} + \underline{2} + \dots)$$



(a) 32

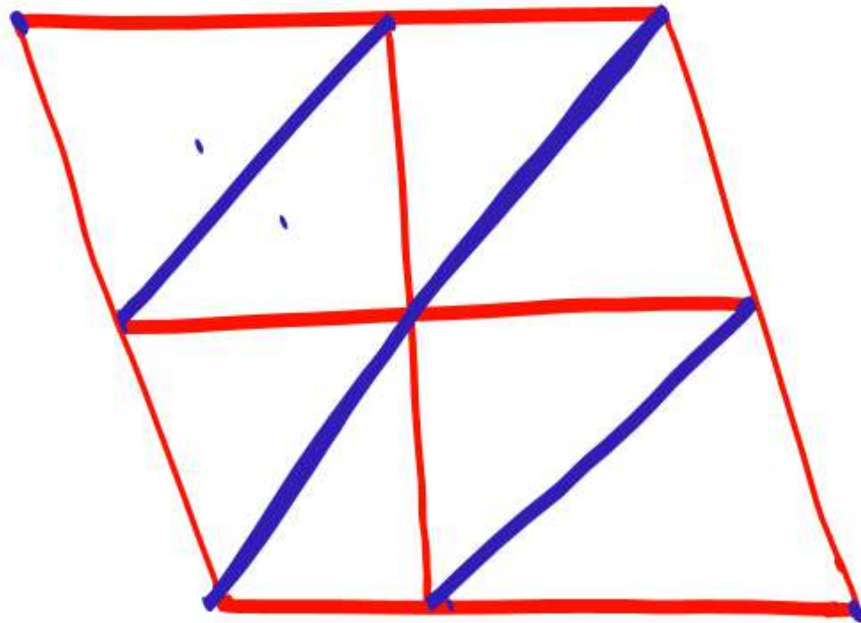
☒ (c) 28

~~(b) 20~~

(d) 24

Find the total number of triangles in the given figure.

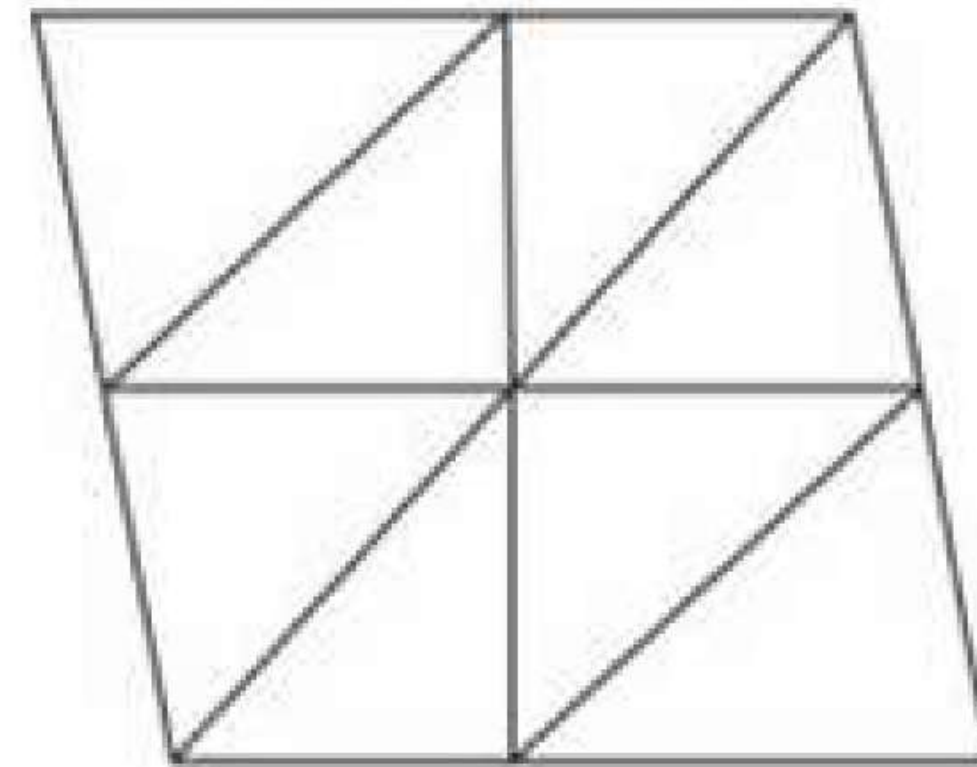
दी गई आकृति में त्रिभुजों की कुल संख्या ज्ञात कीजिए।



$$0 + 2 + 2 + 2 + 2 + 2$$

(a) 9

(c) 12

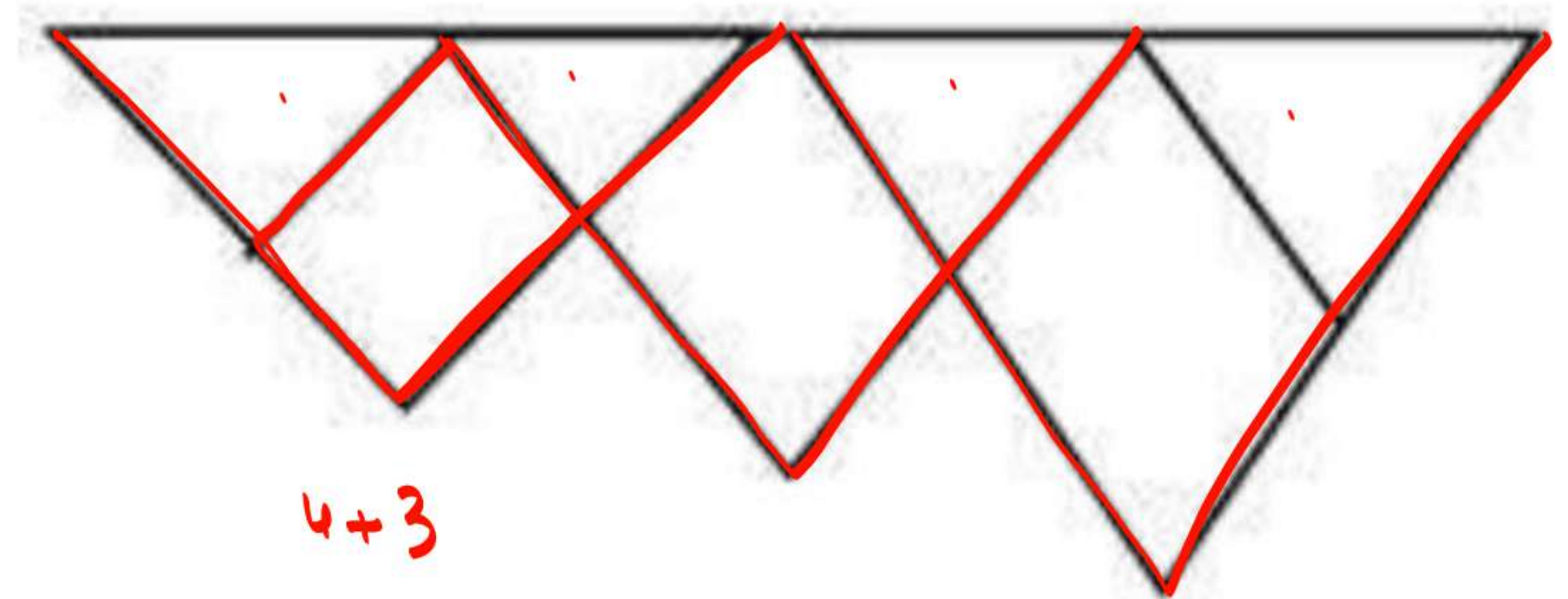


☒ (b) 10

(d) 11

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 9

☒ (c) 7

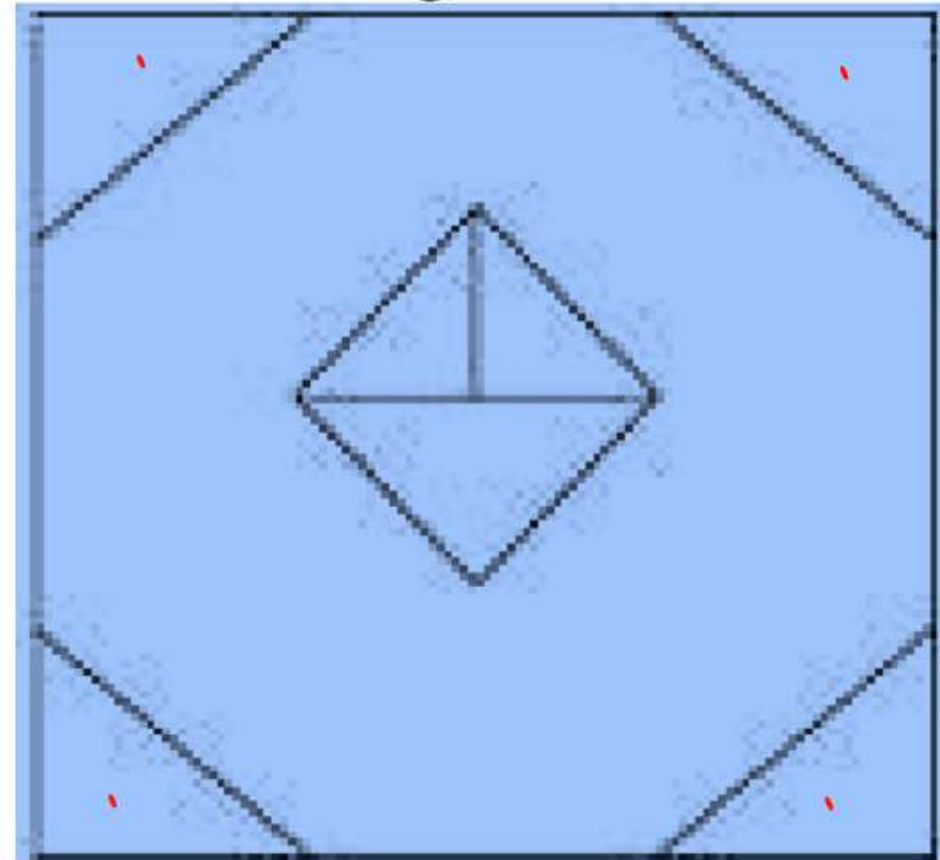
☒ (b) 6

(d) 8

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?

$$4 + 4$$

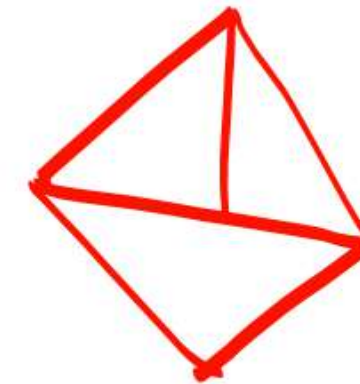


(a) 9

(c) 11

(b) 10

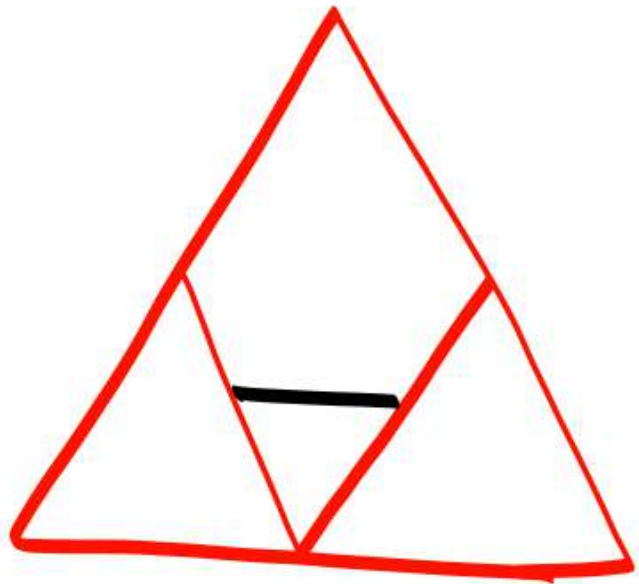
☒ (d) 8



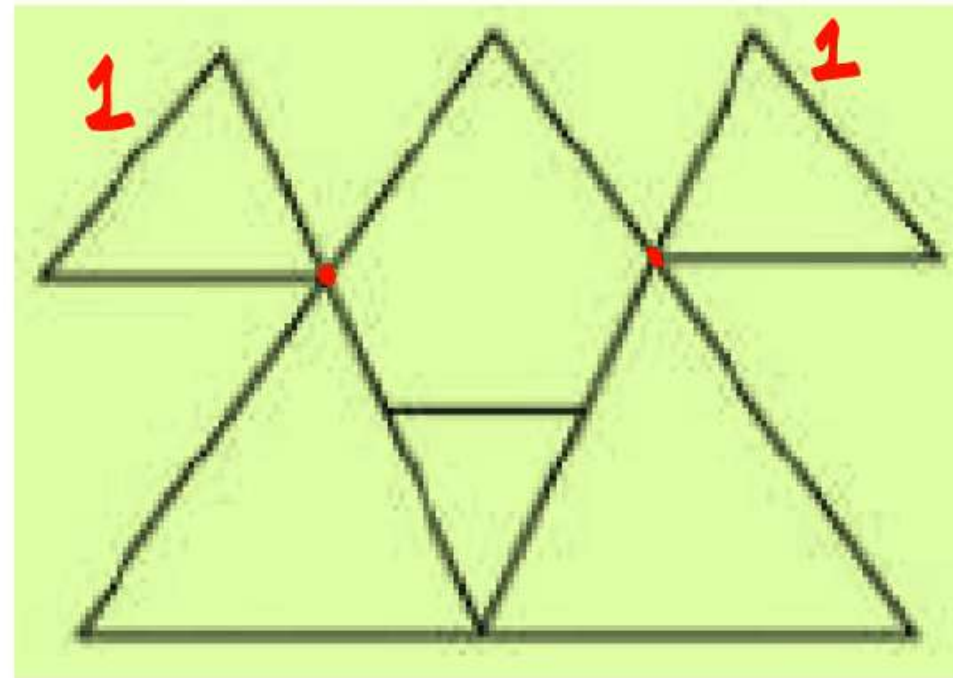
$$0 + 2 + 2$$

How many triangles are there in the given figure

दी गई आकृति में कितने त्रिभुज हैं?



$$(1+1+1+1)=4$$



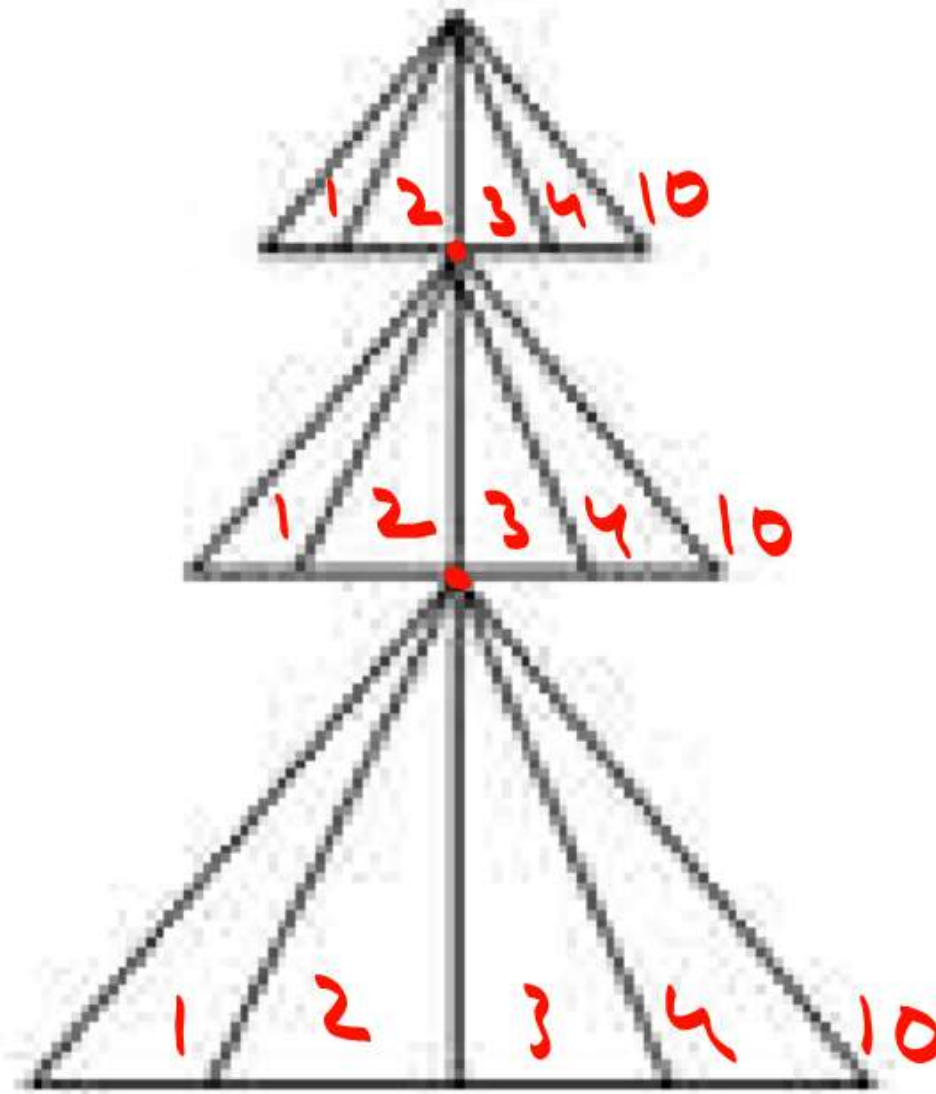
(a) 8

(b) 5

(c) 7

✓ (d) 6

Identify the number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की संख्या पहचानें।



(a) 22

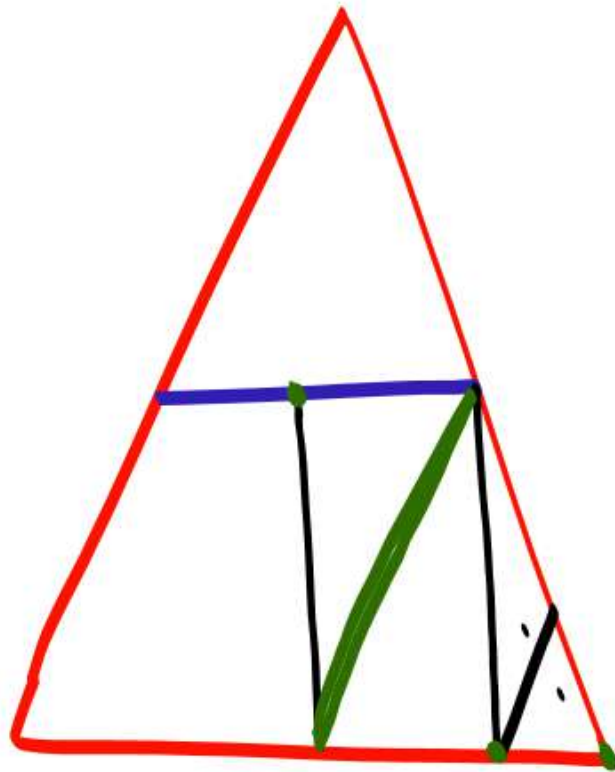
(c) 26

☒ (b) 30

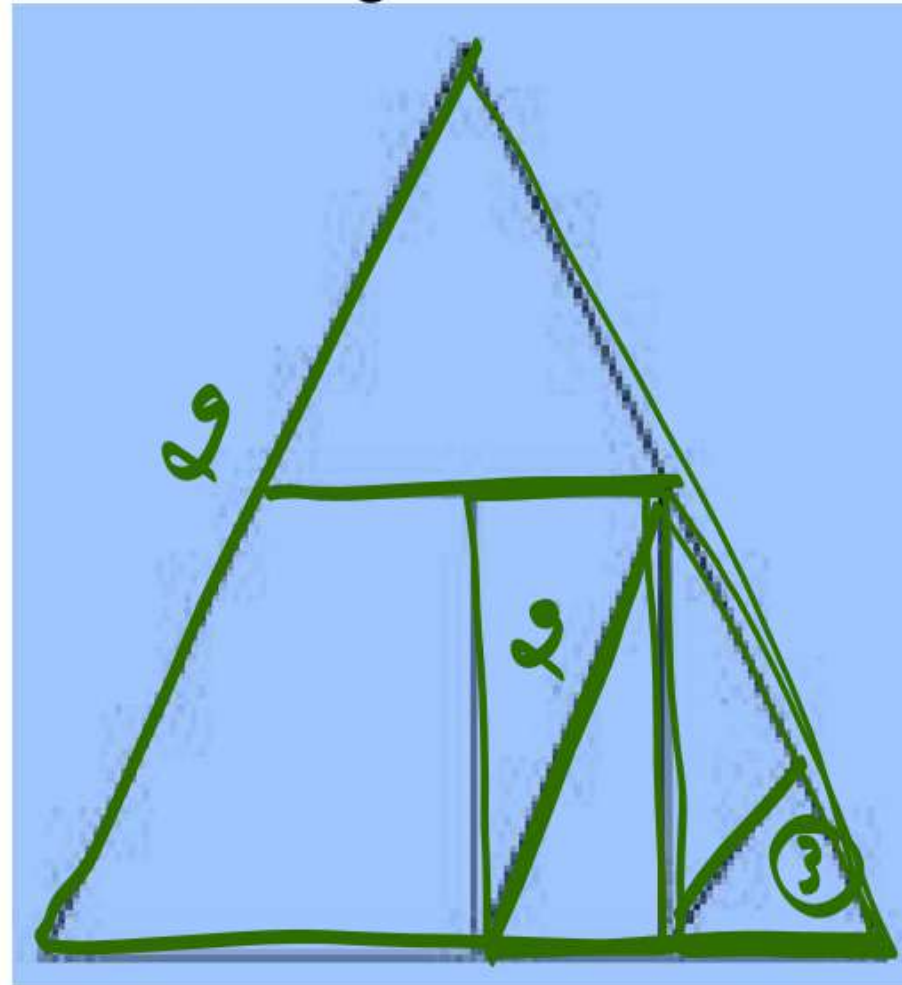
(d) 28

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



$$\underline{1} + 1 + 0 + \underline{1} + 2 + \underline{3}$$



(a) 10

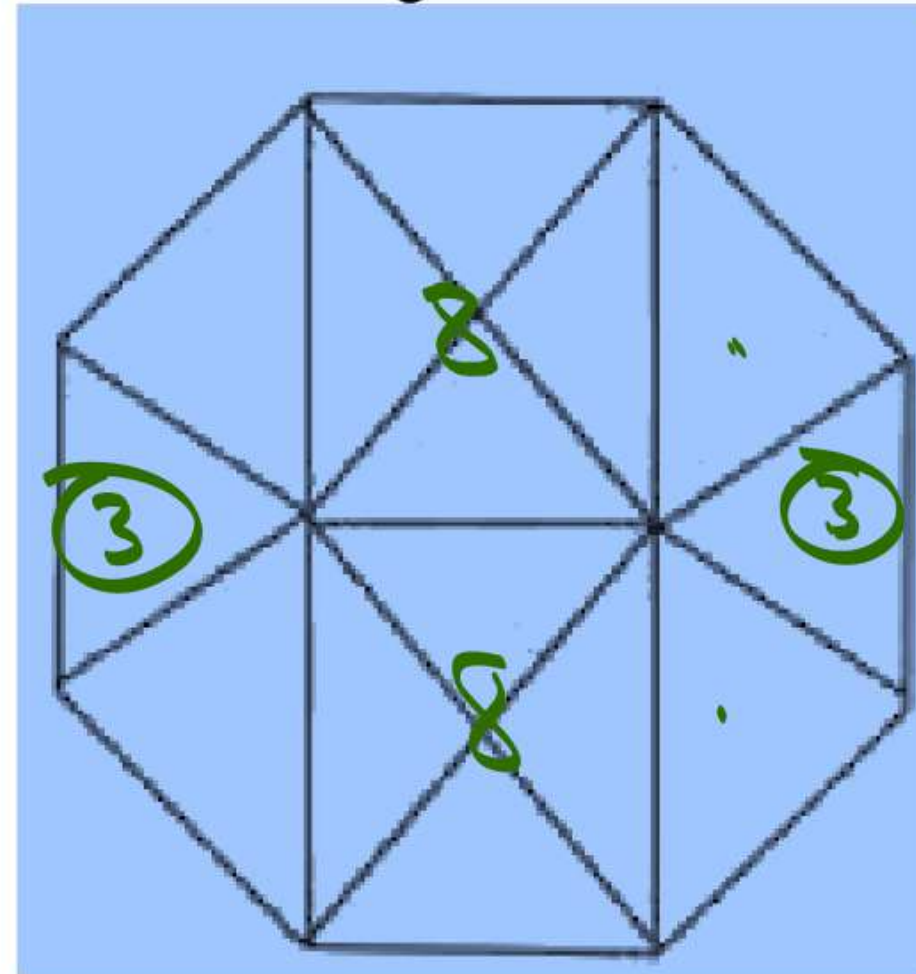
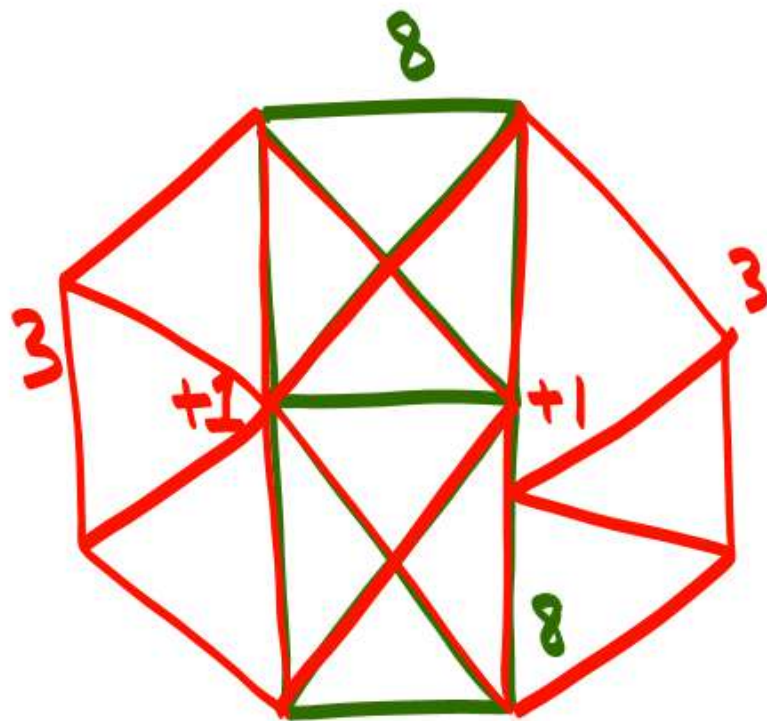
(c) 8

(b) 7

(d) 9

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?

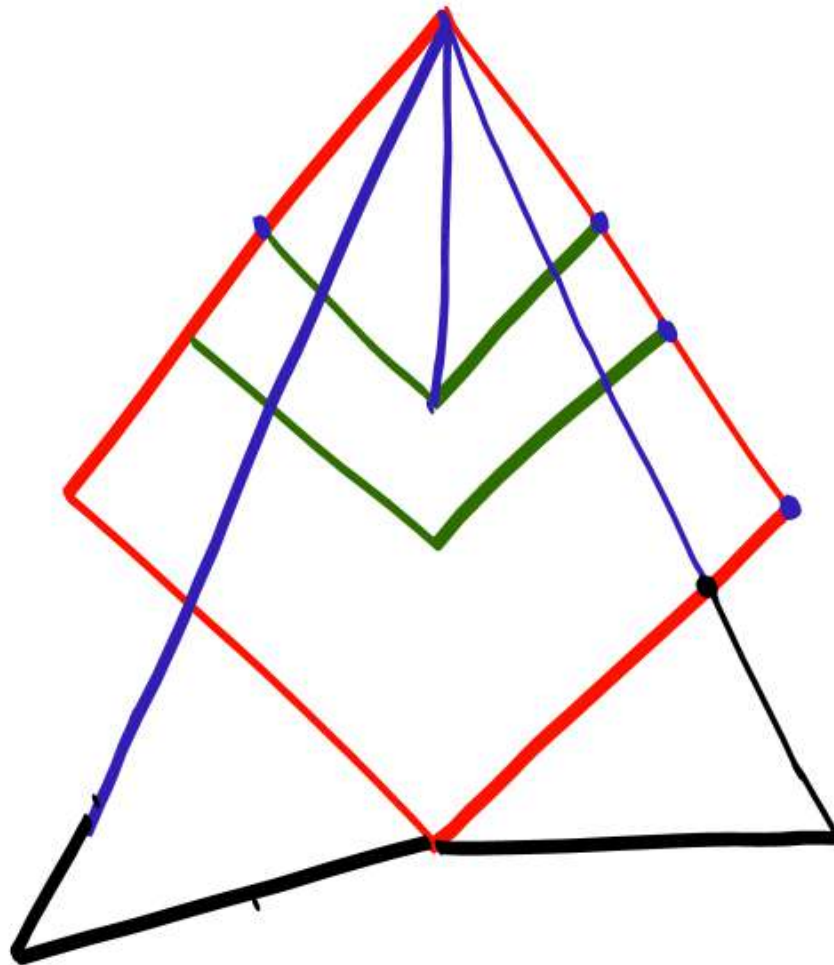


~~(a) 20~~
~~(c) 22~~

~~(b) 21~~
☒ (d) 24

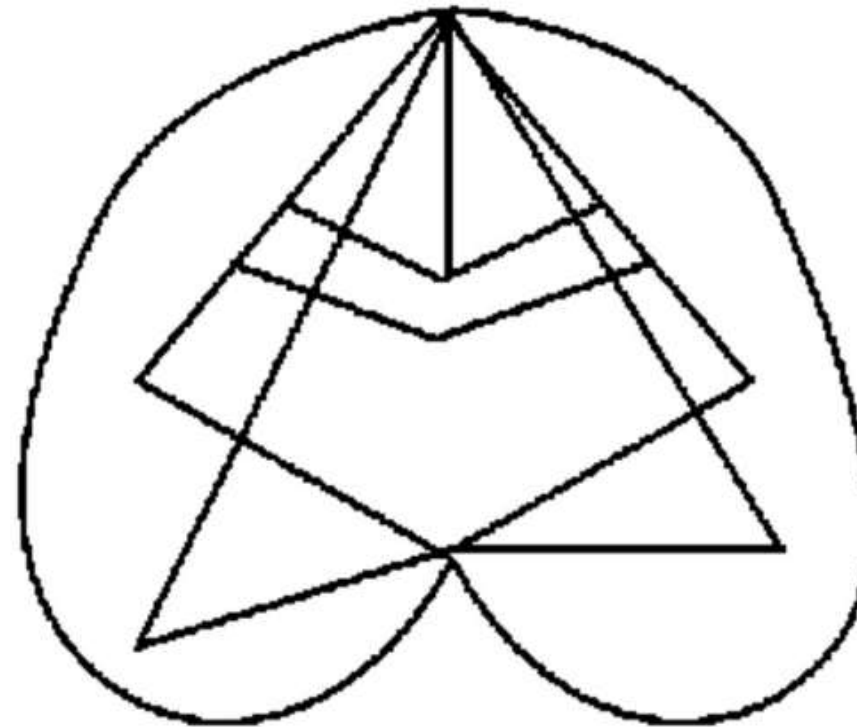
How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



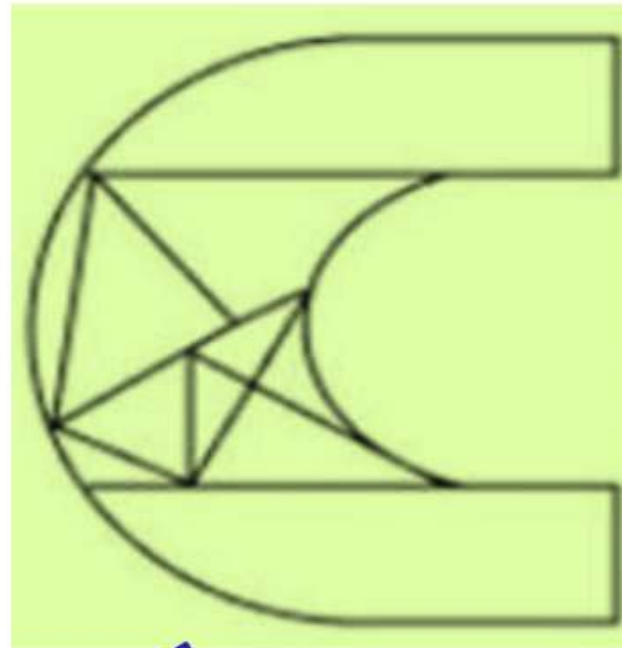
$$0 + 0 + 2 + (2 + 1 + 1) + (2 + 1 + 1) + 1 + 1 = 12$$

(a) 12
(b) 11
(c) 14
(d) 10



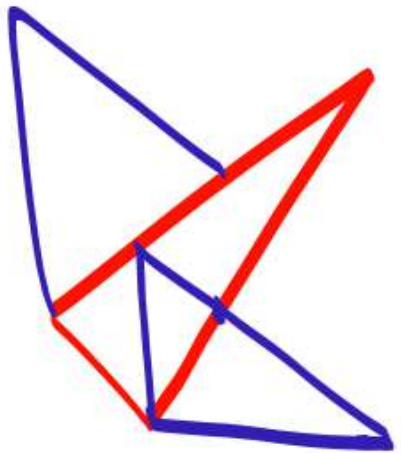
How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



☒ (a) 8
(c) 5

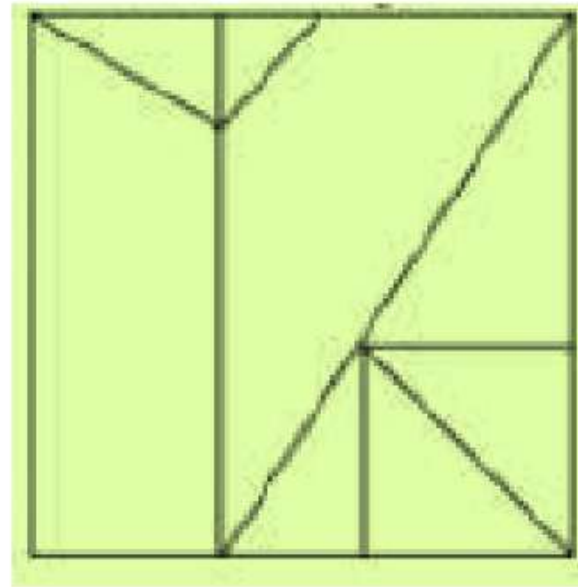
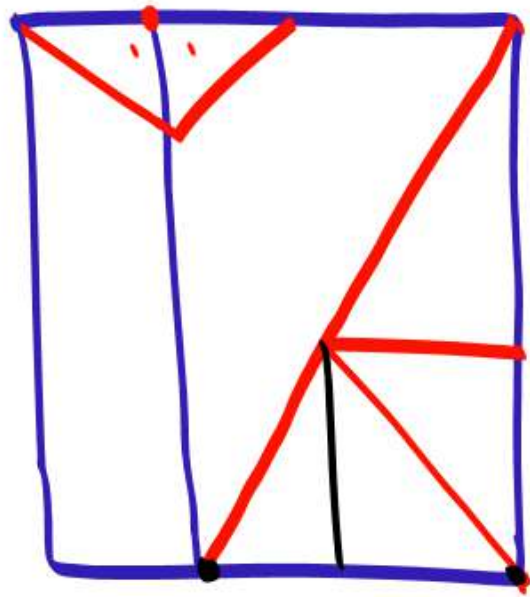
(b) 6
(d) 7



$1+2+2+2+1$

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 9

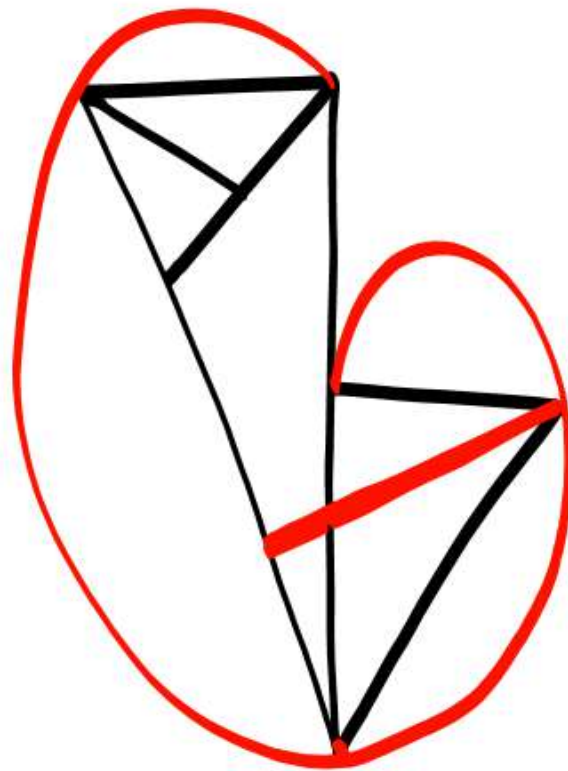
(b) 8

~~(c) 11~~

(d) 10

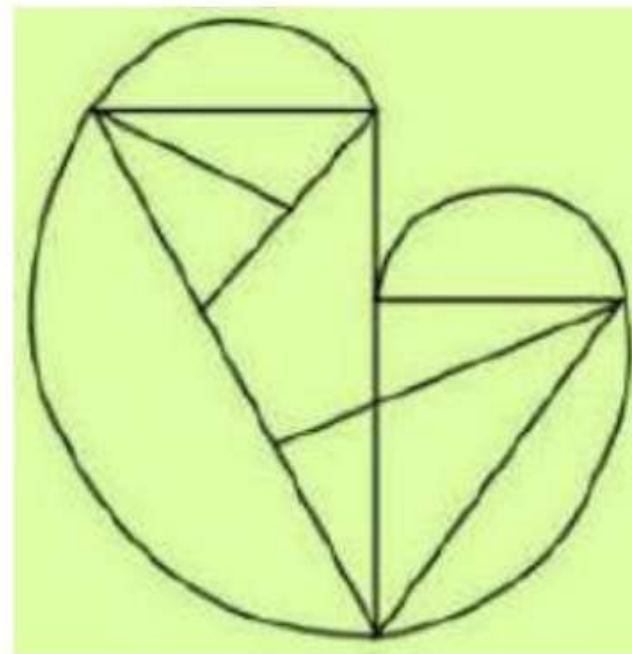
$$0+0+3+2+2+2+2$$

$$(1+2+2+1)+(2+1+1)$$
$$6+4=10$$



How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 9

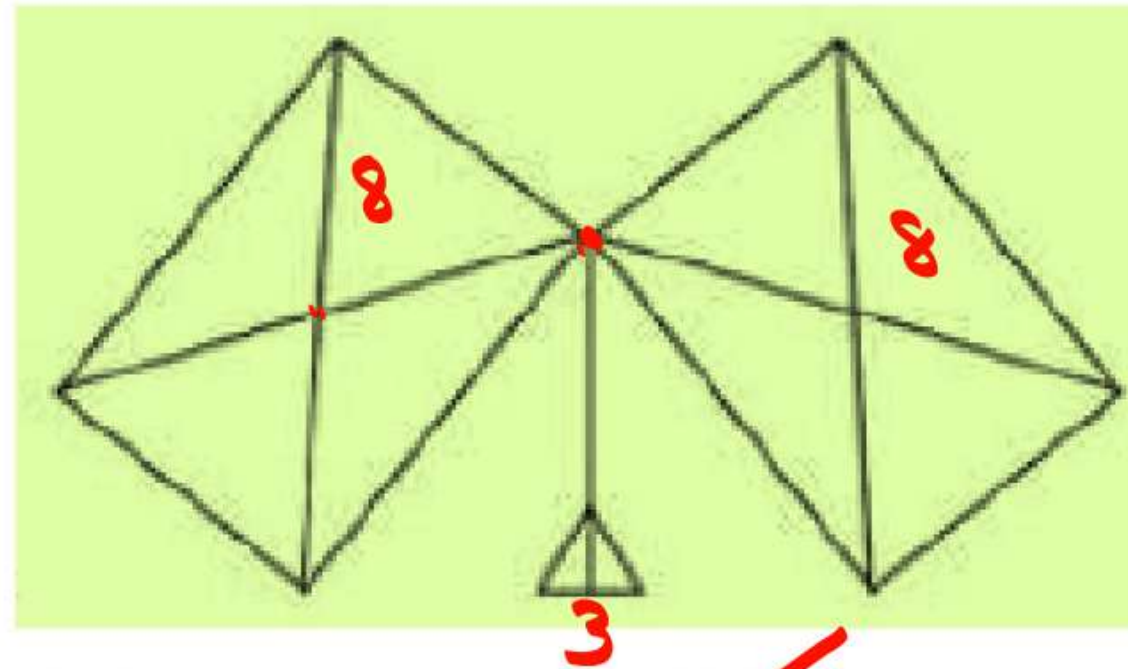
(b) 12

(c) 8

☒ (d) 10

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 18

☒ (b) 19

(c) 16

(d) 17

How many triangles are there in the given figure?

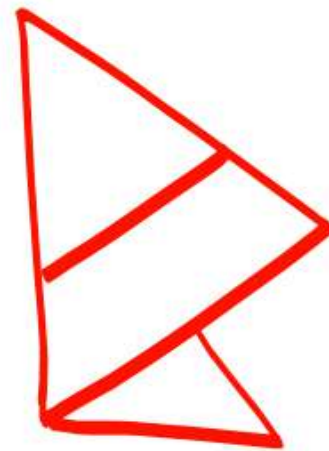
दी गई आकृति में कितने त्रिभुज हैं?

(a) 14

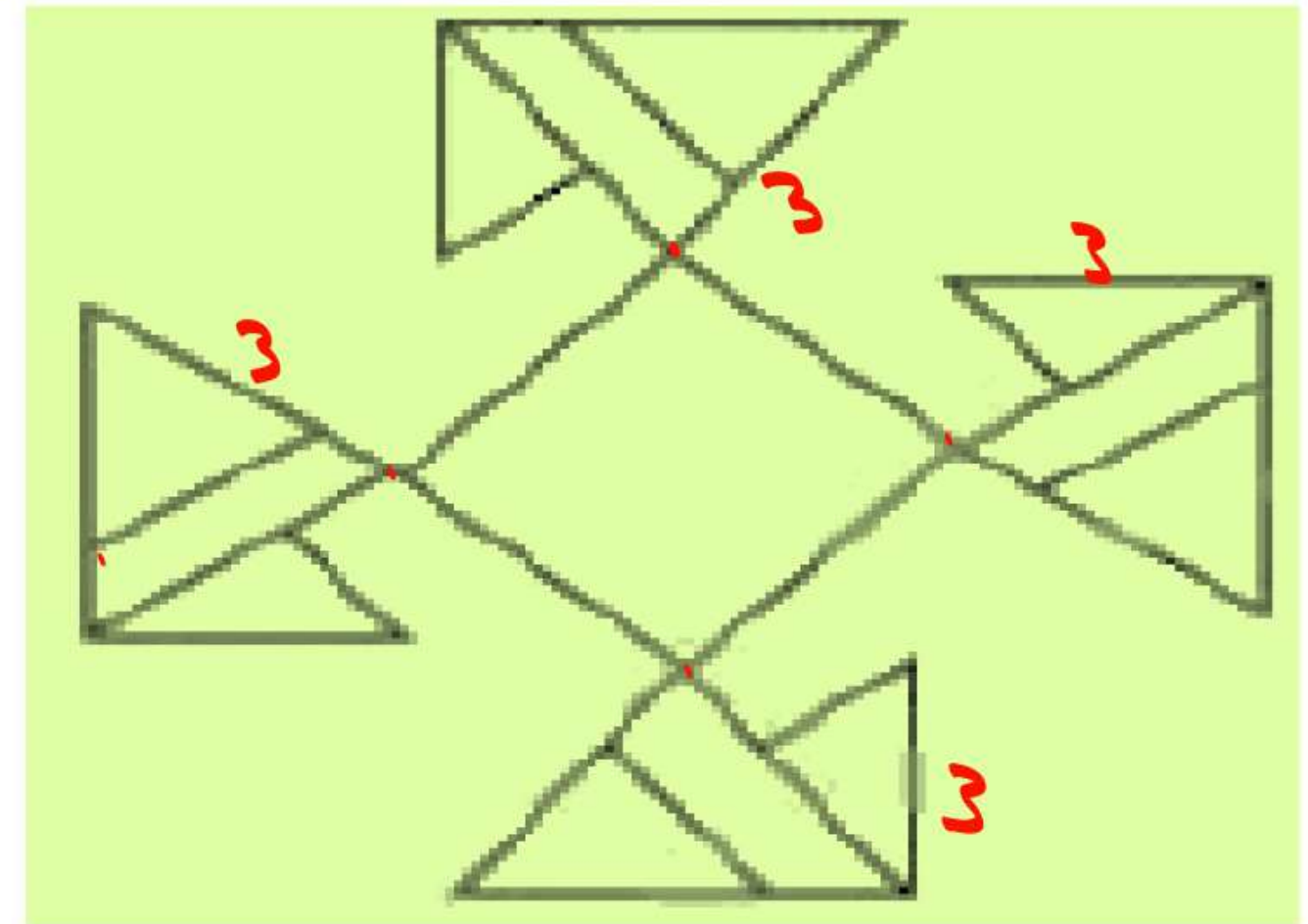
☒ (b) 12

(c) 13

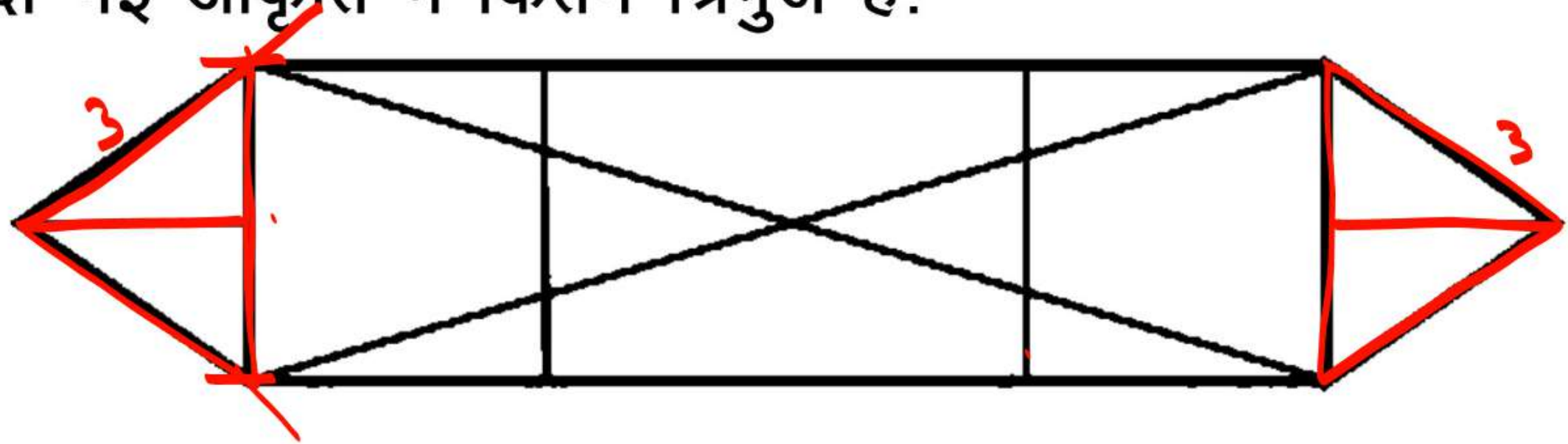
(d) 11



$$1 + 1 + 1$$



How many triangles are there in the given figure?
 दी गई आकृति में कितने त्रिभुज हैं?

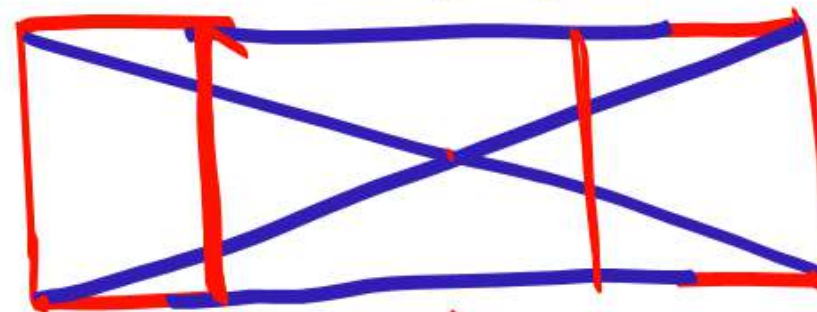


(a) 26

(b) 22

☒ (c) 24

(d) 8

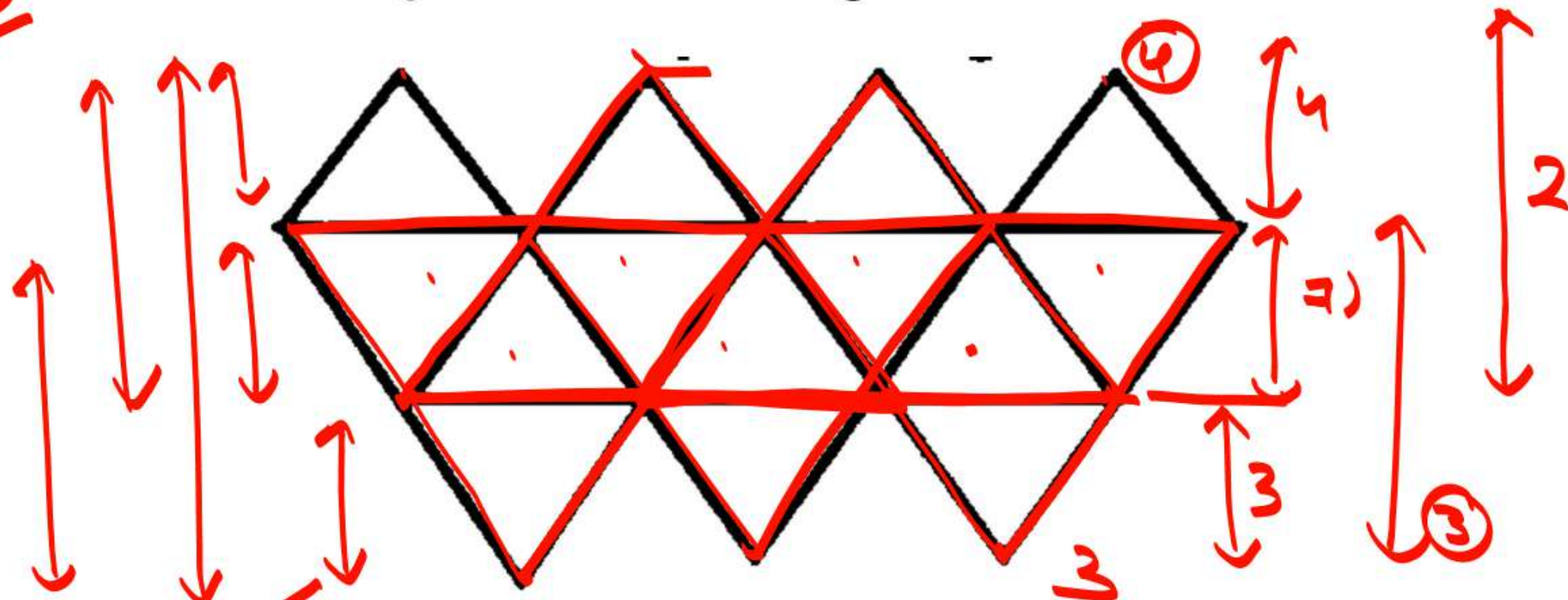


$$8 + (1 + 1 + 1 + 1 + 1) + (5)$$

how many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?

Up-down
Triangles ✓



(a) 19

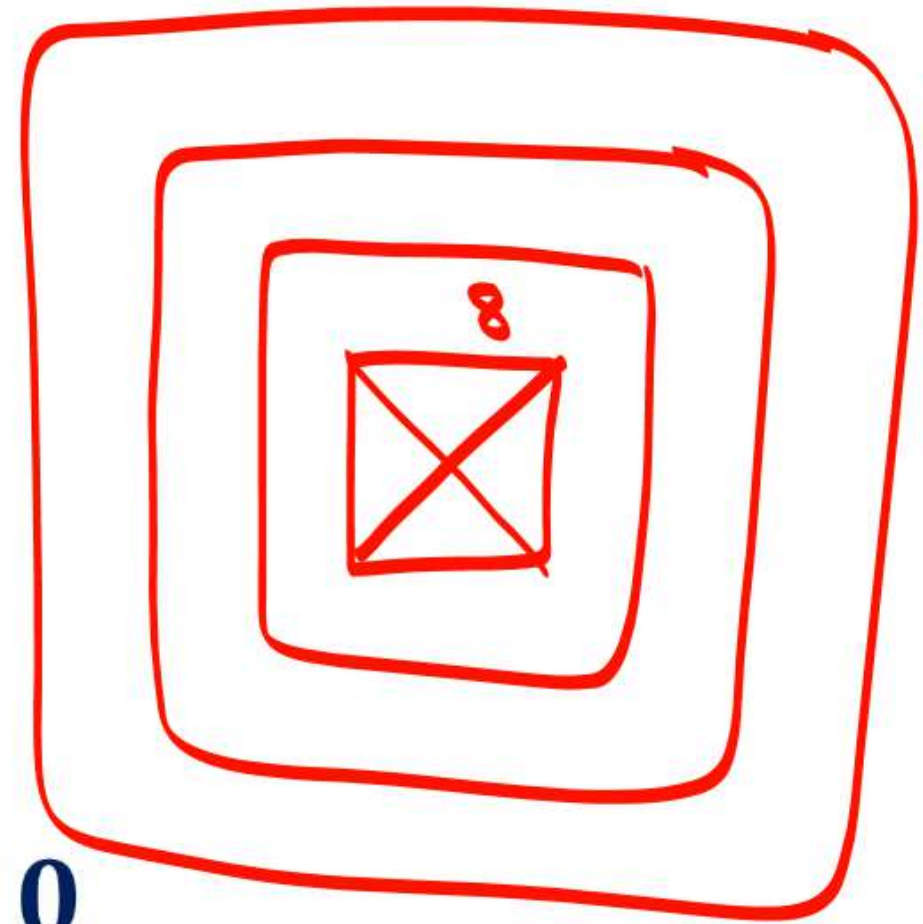
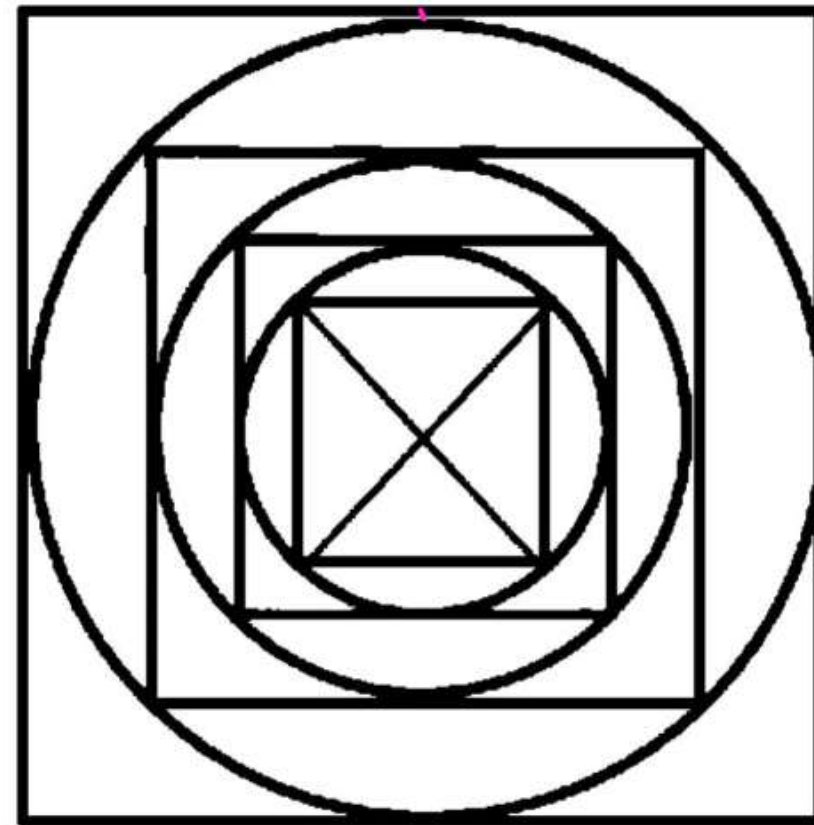
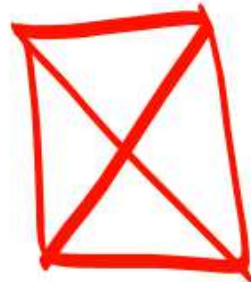
(b) 16

(c) 18

(d) 14

how many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



(a) 20

(b) 10

(c) 18

☒ (d) 8

How many triangles are there in the given figure?

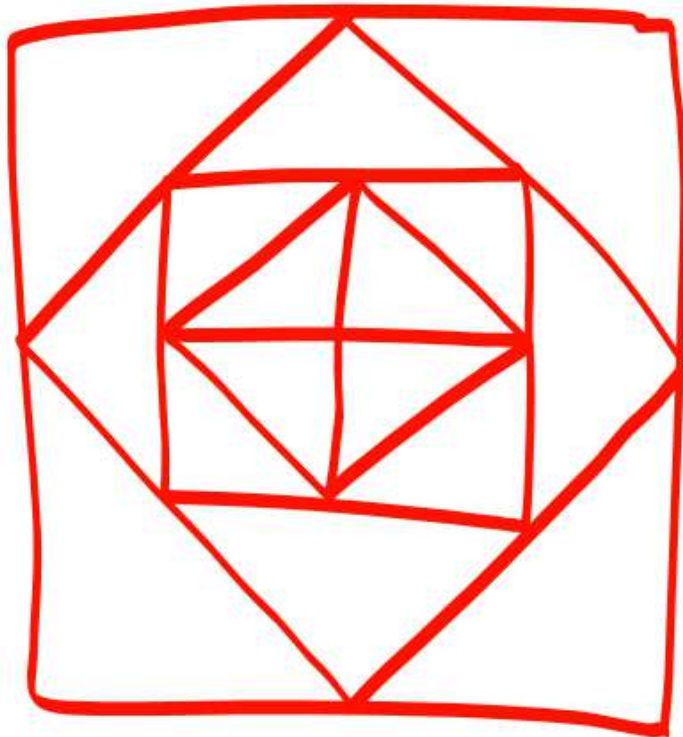
दी गई आकृति में कितने त्रिभुज हैं?

(a) 18

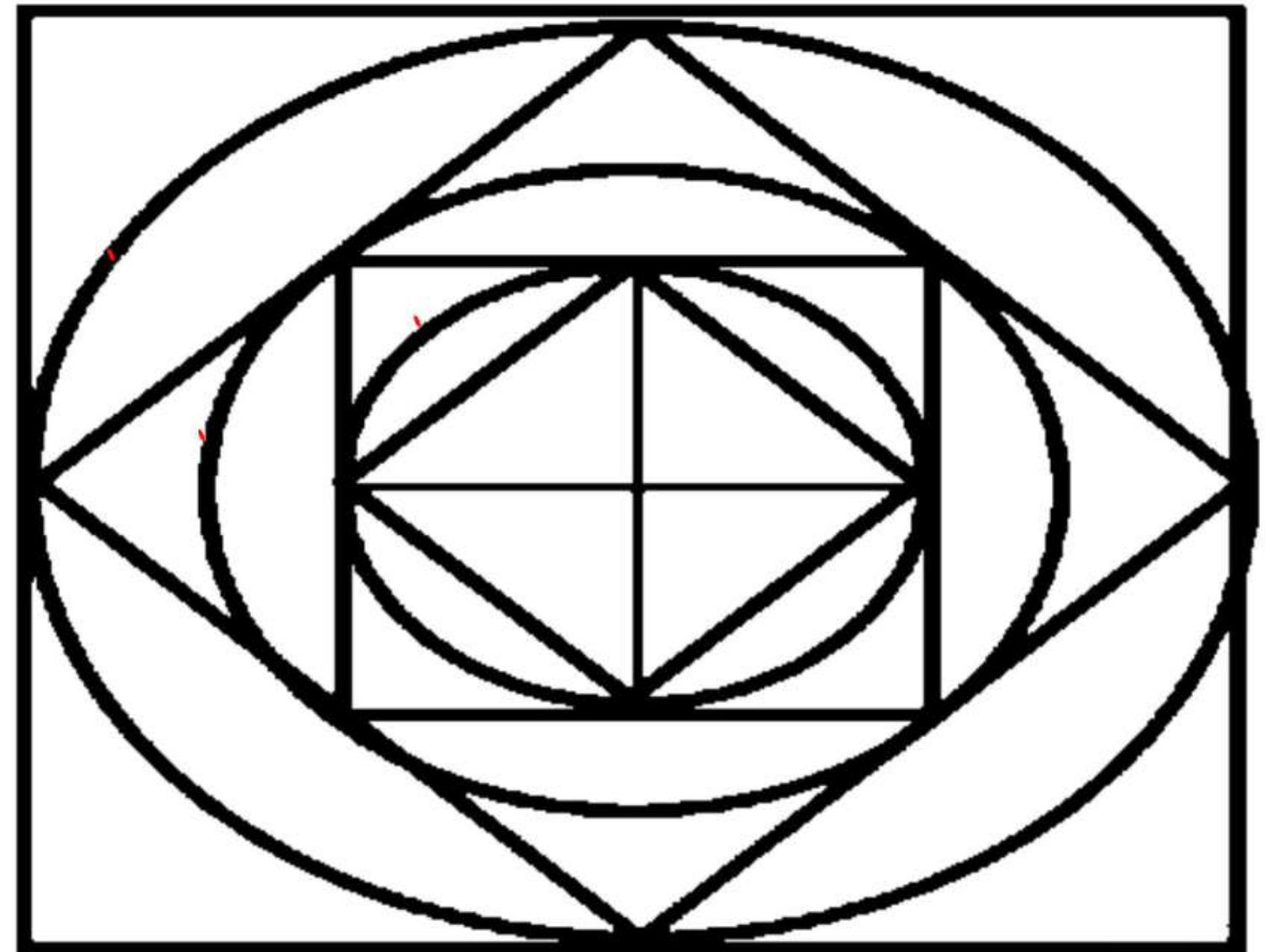
(b) 22

☒ (c) 20

(d) 24



$$0 + 4 + 4 + 4 + 8$$



How many triangles are there in the given figure?

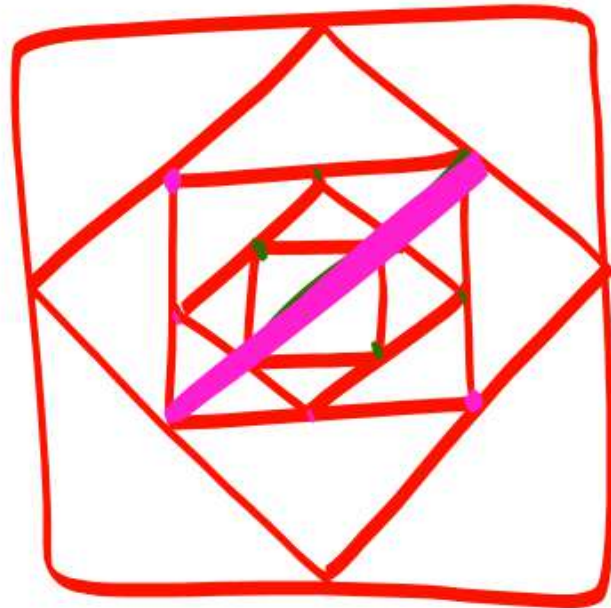
दी गई आकृति में कितने त्रिभुज हैं?

(a) 26

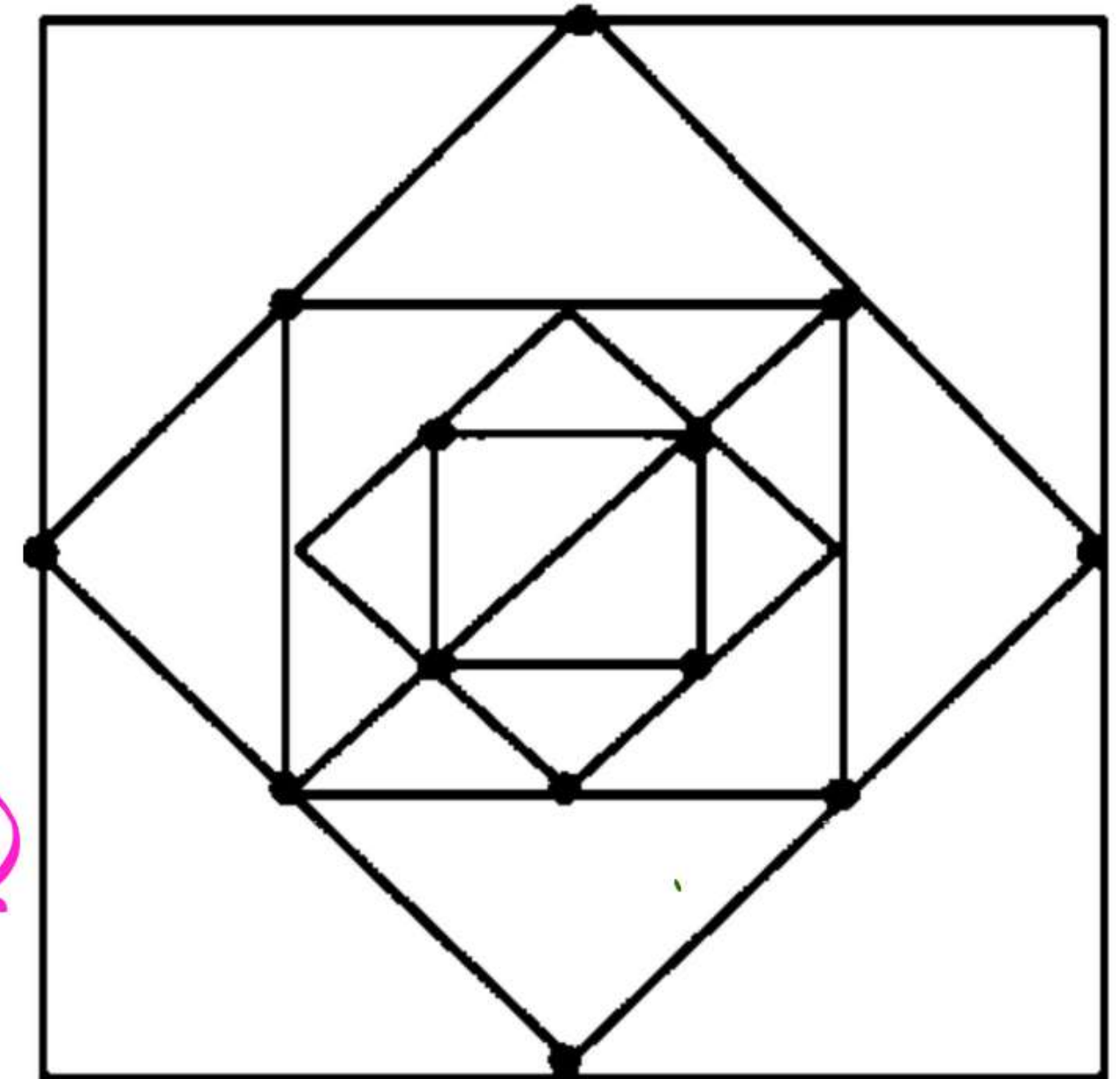
☒ (b) 24

(c) 22

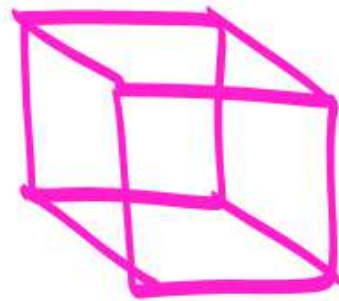
(d) 28



$$+4+4+4+4+(2+2+2+2)$$



Counting of Cubes

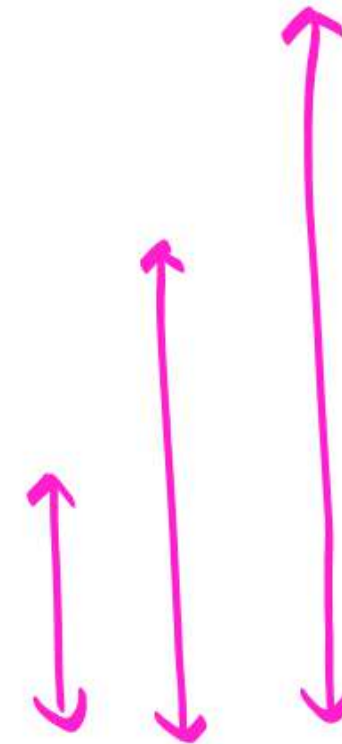
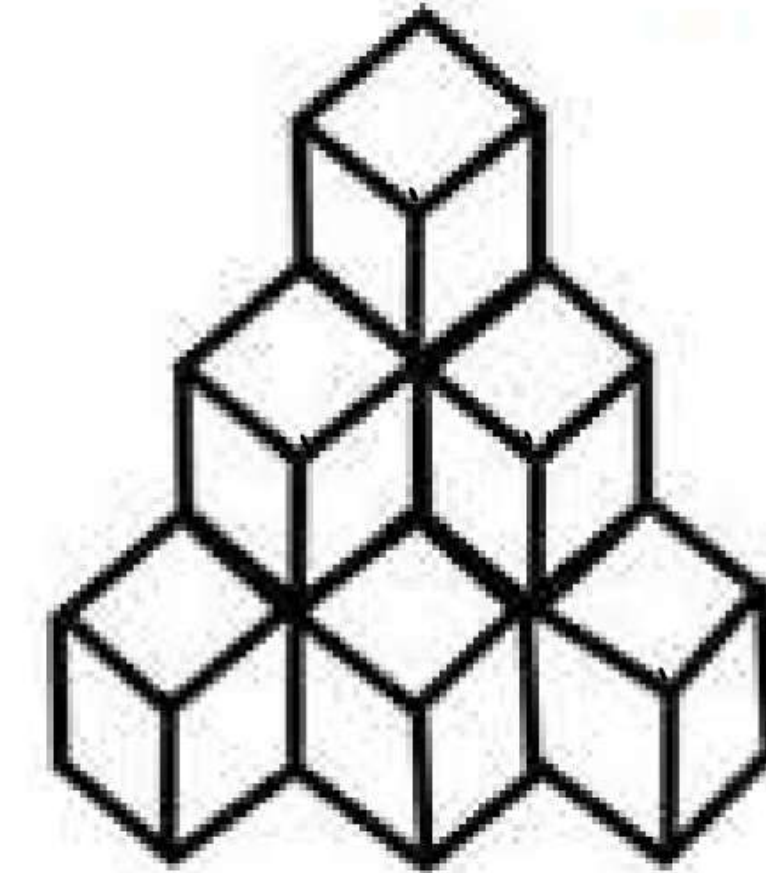


height method

Find the total number of cubes in the figure.

आकृति में कुल घनों की संख्या ज्ञात कीजिए।

Height		No. of cube	
1	$\times$	3	$= 3$
2	$\times$	2	$= 4$
3	$\times$	1	$= 3$
			10



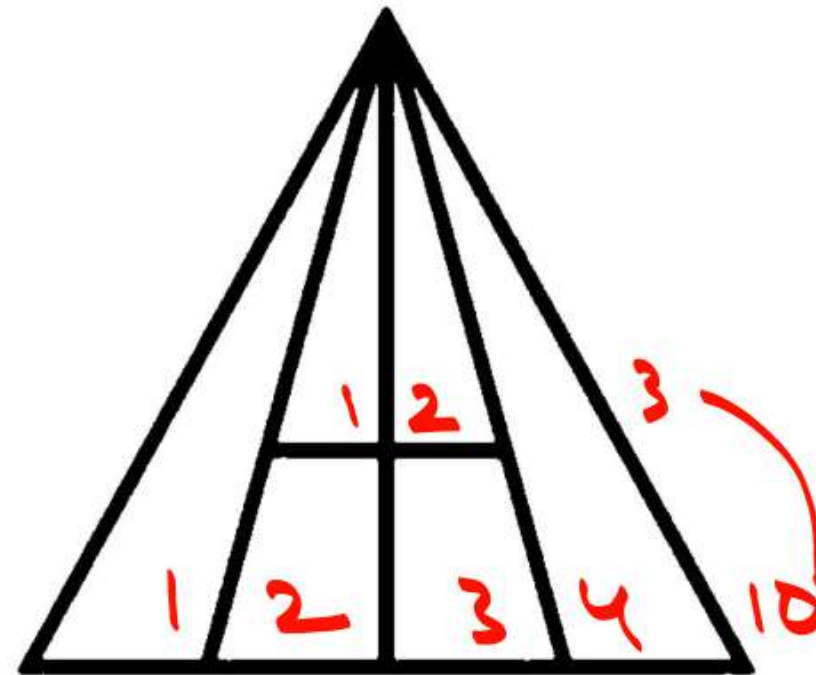
(a) 9
☒ (c) 10

(b) 8
(d) 11

QUESTION 1.

How many maximum triangles are there in the given figure?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?

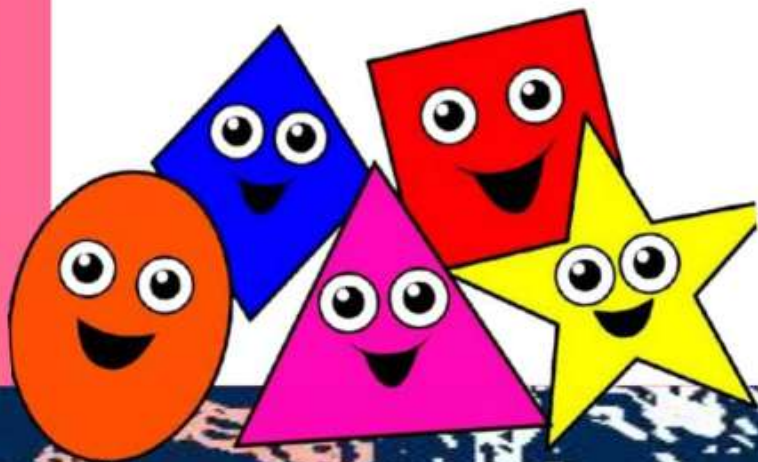


(a) 8

(b) 21

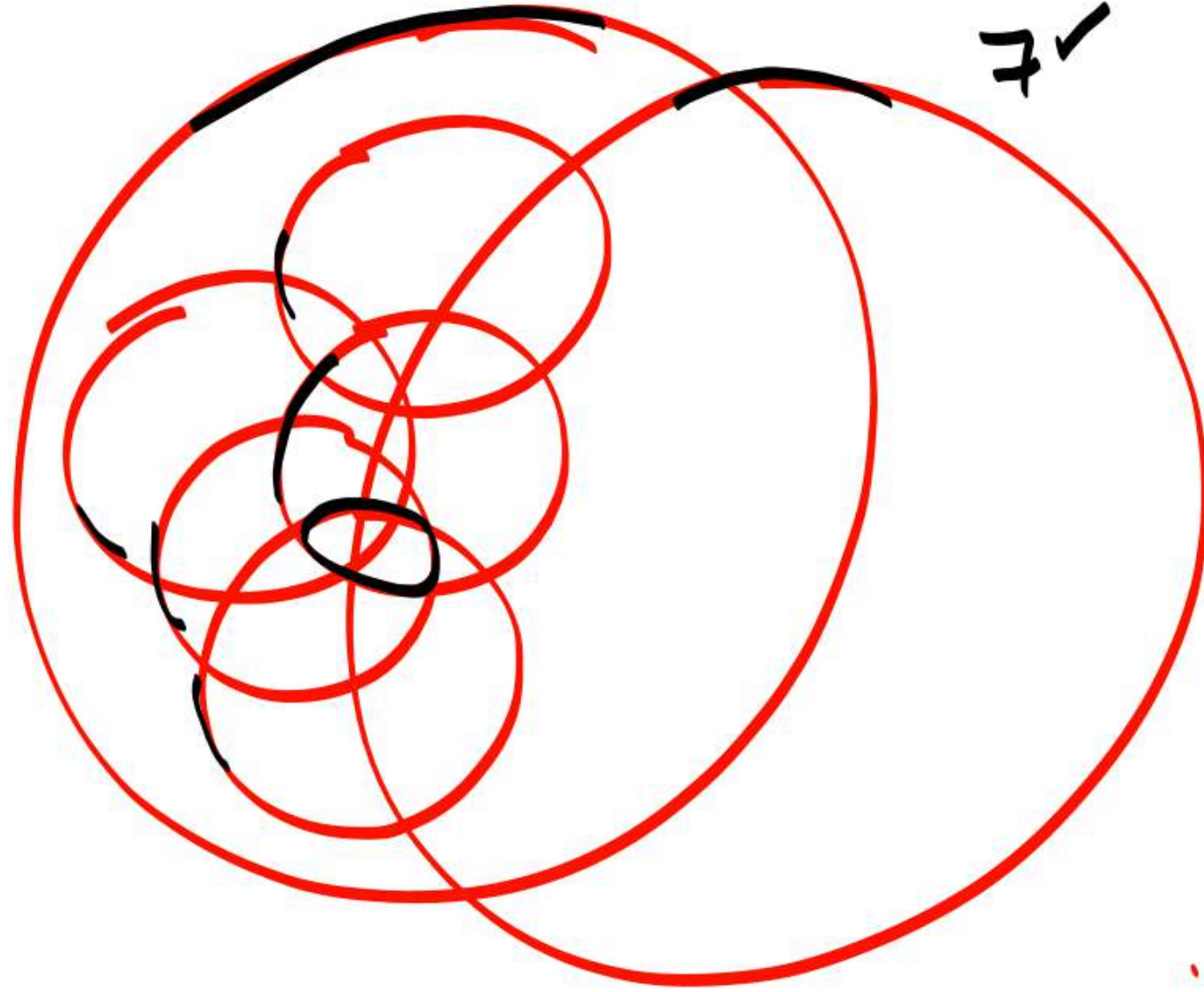
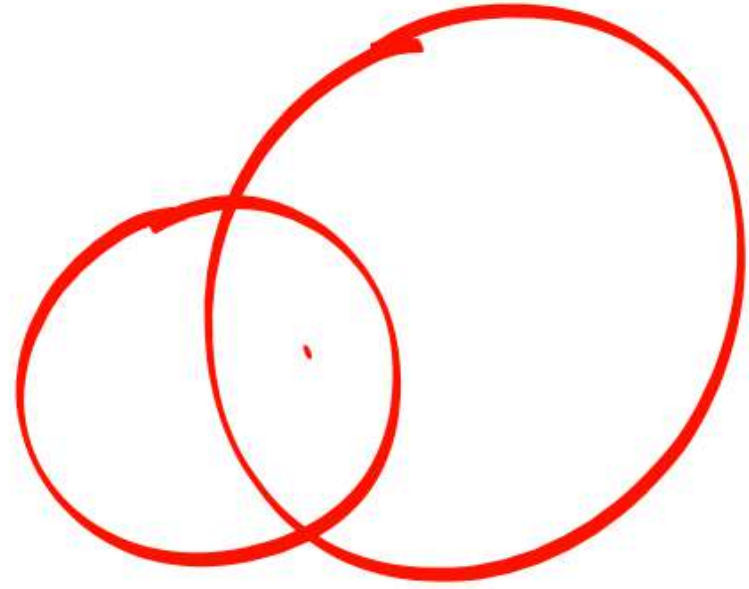
☒ (c) 13

(d) 15



Circle Counting

અલગ Circle = ત્રિજ્યા અલગ ✓



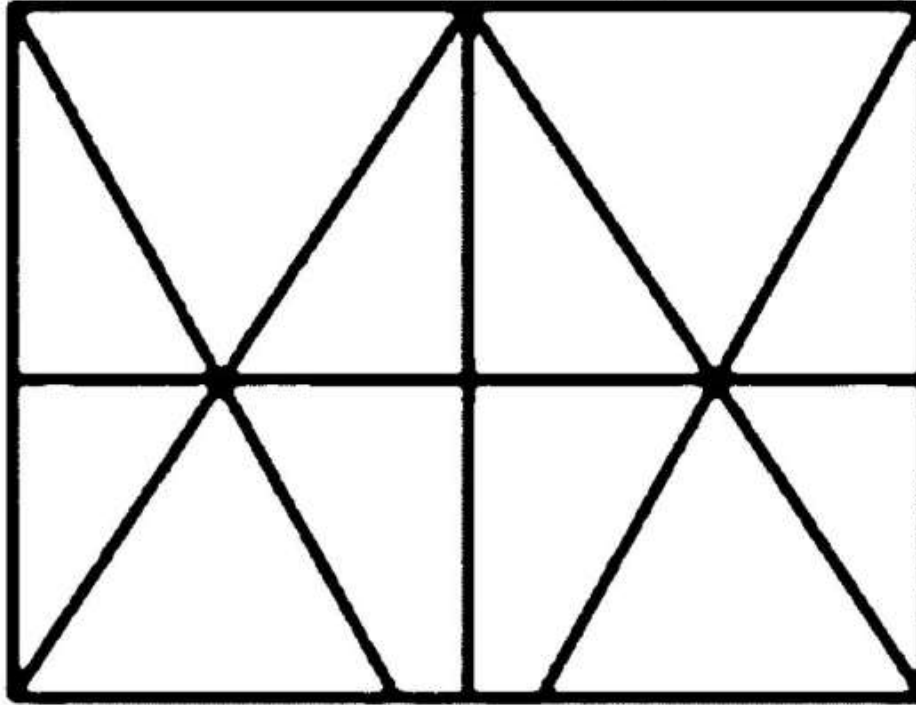
- * Lines
- * Triangle
- * Square
- * Rectangle
- * Quadrilateral

Polygon
Circle
Cube

QUESTION 2.

How many triangles are there in the given figure ?

दी गई आकृति में कतने त्रिभुज हैं?

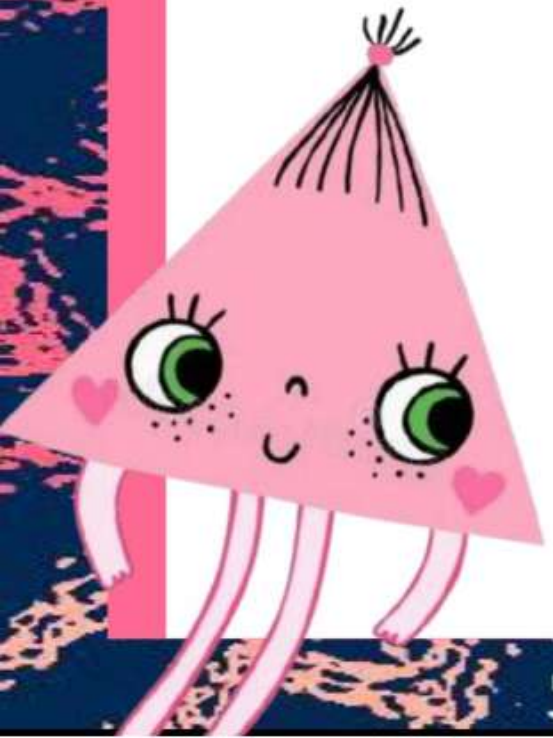


(a) 10

(b) 20

(c) 18

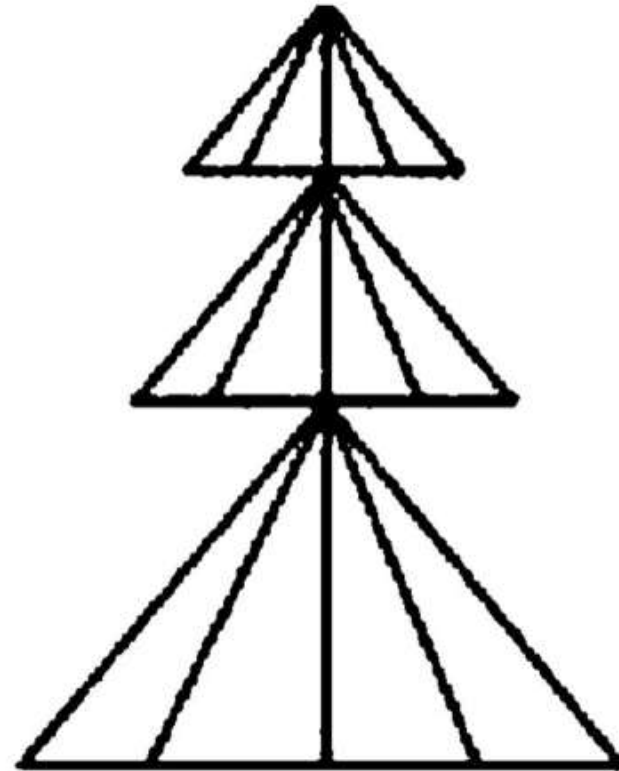
(d) 12



QUESTION 3.

Identify the number of triangles in the given figure.

दी गई आकृति में त्रिभुजों की संख्या पहचानें।



(a) 22

(b) 30

(c) 26

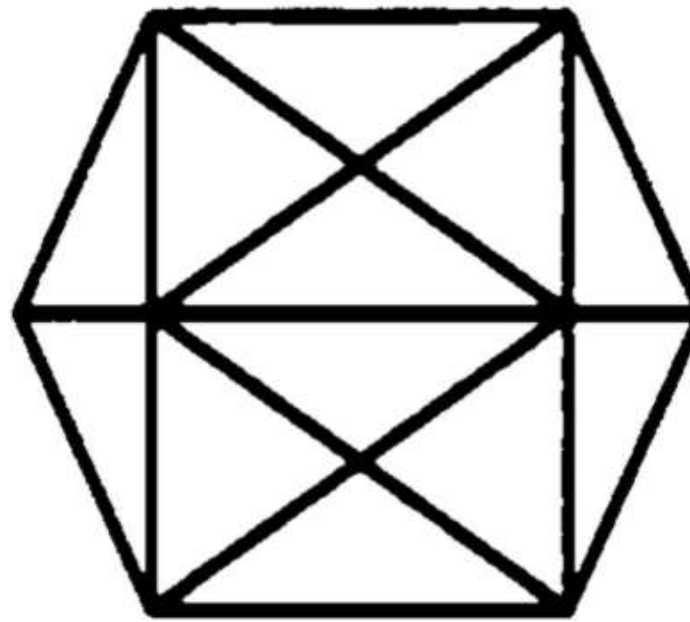
(d) 28



QUESTION 4.

How many maximum triangles are there in the given figure ?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?



(a) 32

(b) 20

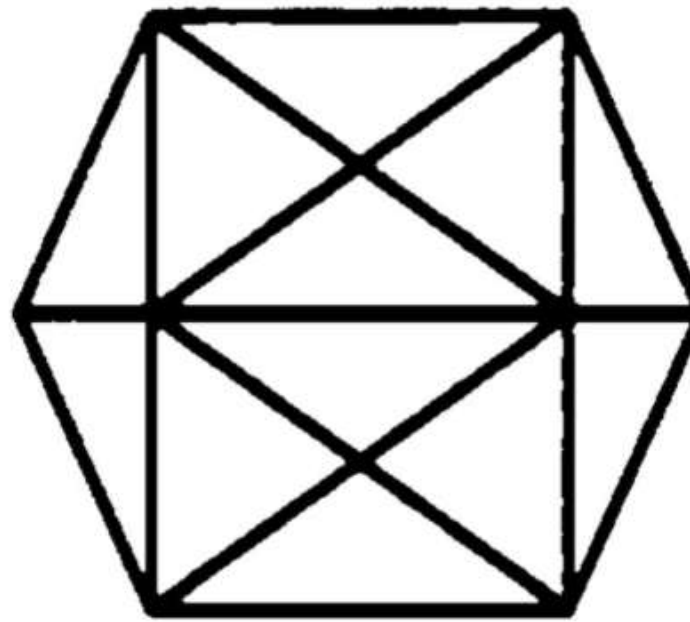
(c) 28

(d) 24



QUESTION 5.

Find the total number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की कुल संख्या ज्ञात कीजिए।



(a) 9

(b) 10

(c) 10

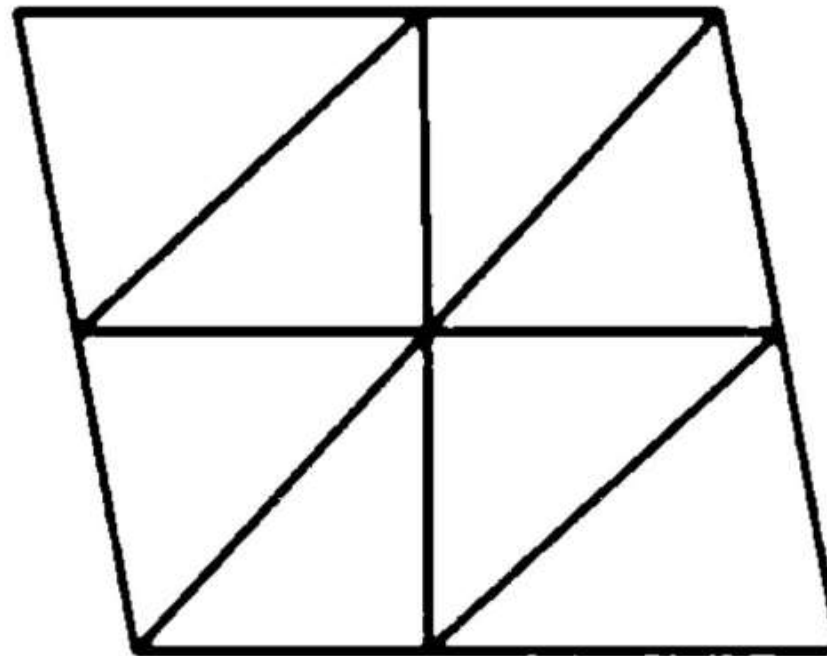
(d) 11



QUESTION 6.

Find the total number of triangles in the given figure.

दी गई आकृति में त्रिभुजों की कुल संख्या ज्ञात कीजिए।



(a) 9

(b) 10

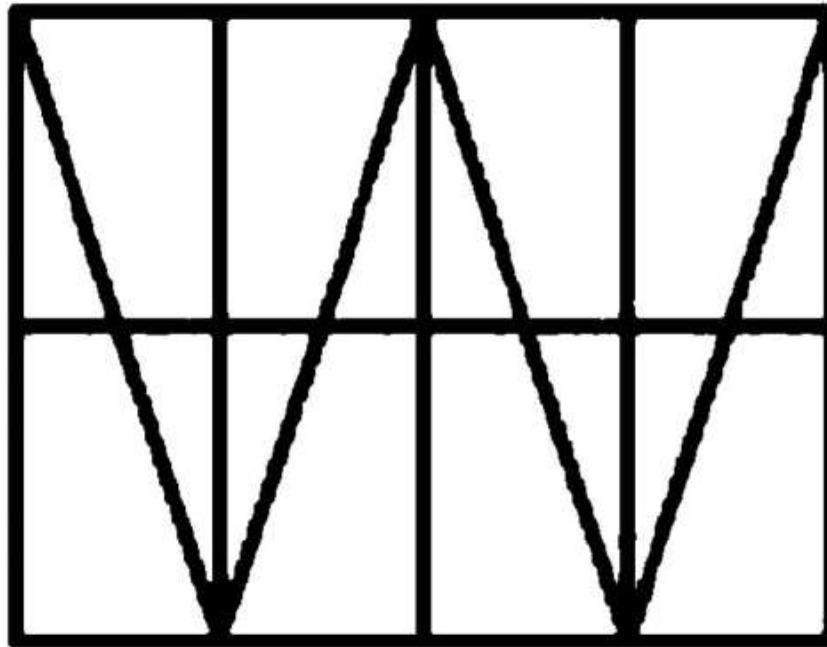
(c) 10

(d) 11

QUESTION 7.

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 21

(b) 24

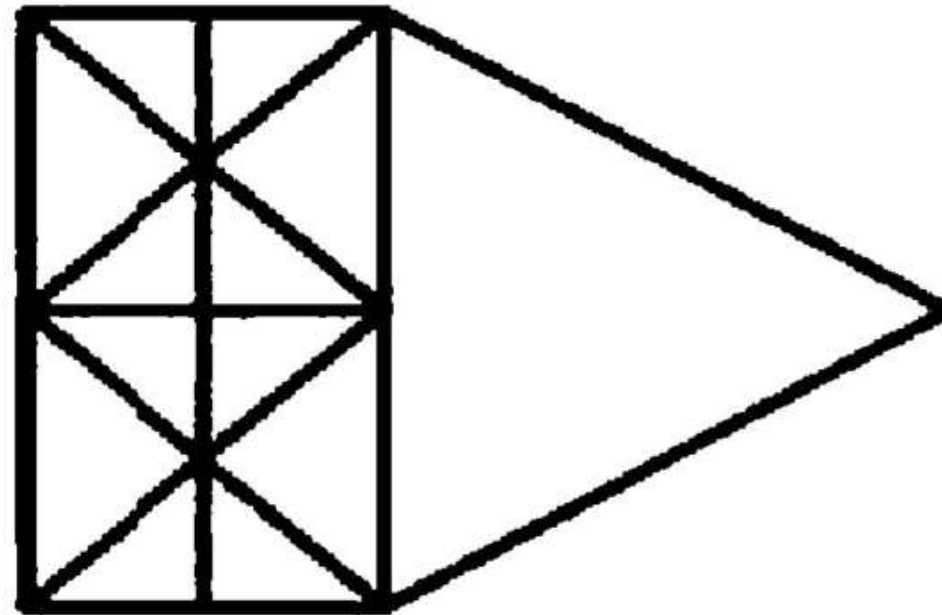
(c) 16

(d) 22

QUESTION 8.

How many maximum triangles are there in the given figure?

दी गई आकृति में अधिकतम कितने त्रिभुज हैं?

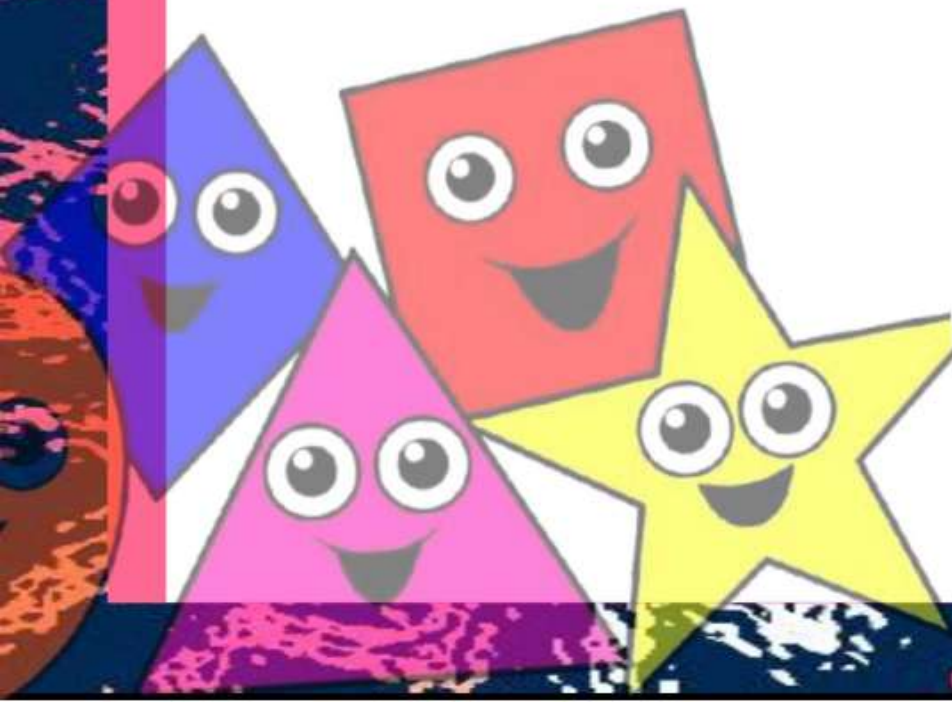


(a) 30

(b) 31

(c) 29

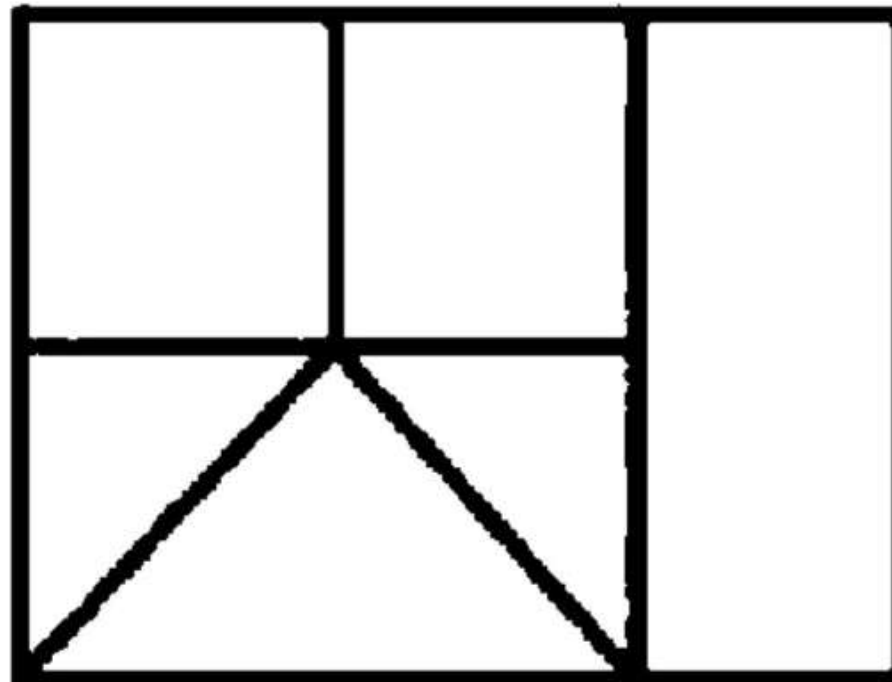
(d) 27



QUESTION 9.

How many quadrilaterals are there in the given figure?

दी गई आकृति में कतने चतुर्भुज हैं?



(a) 12

(b) 11

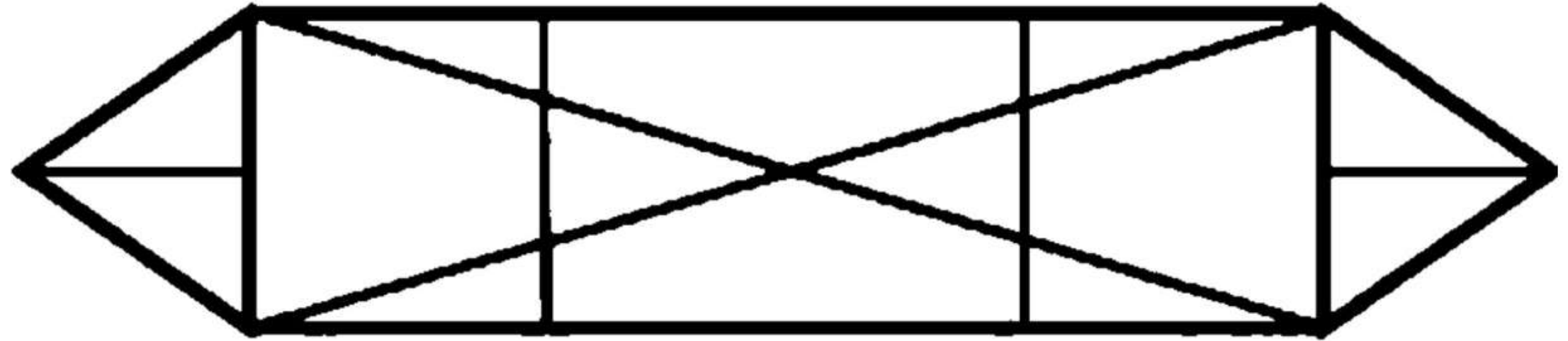
(c) 10

(d) 9

QUESTION 10.

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 26

(b) 22

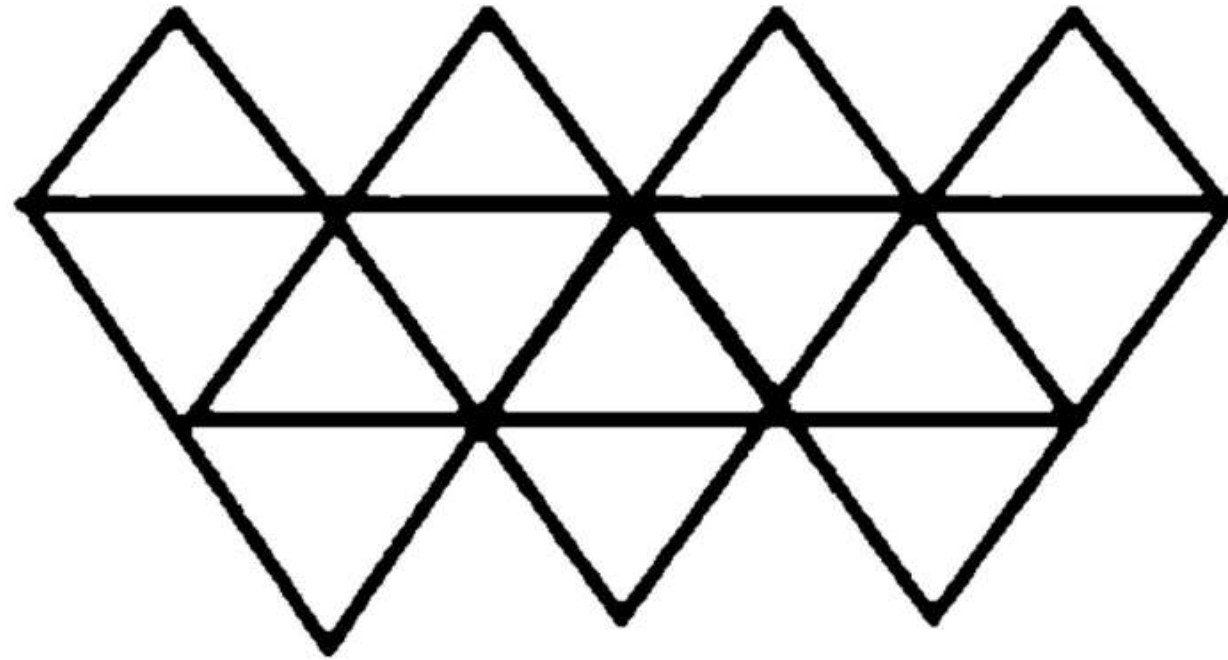
(c) 24

(d) 8

QUESTION 11.

how many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 19

(b) 16

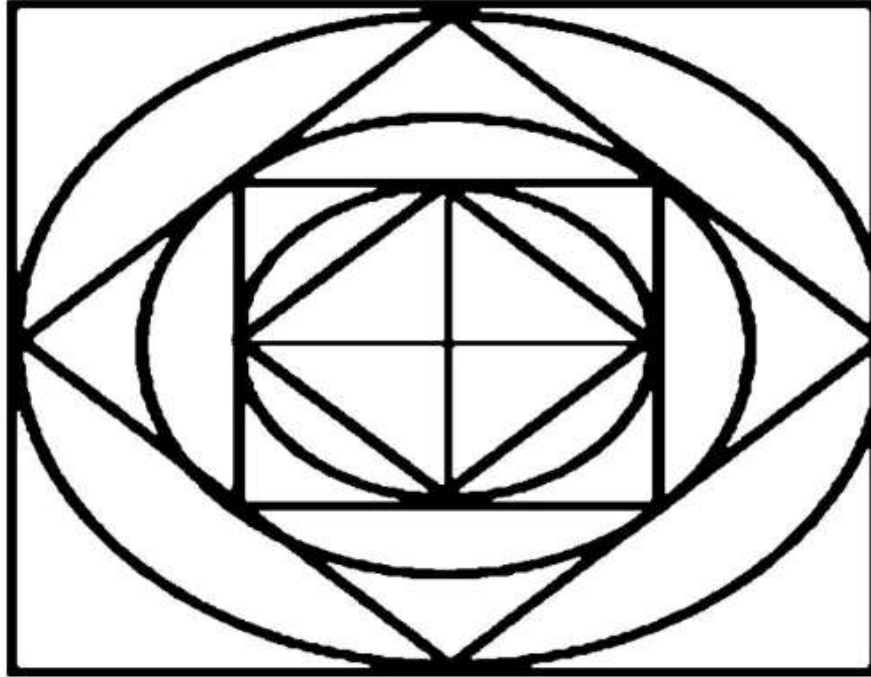
(c) 18

(d) 14

QUESTION 12

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 18

(b) 22

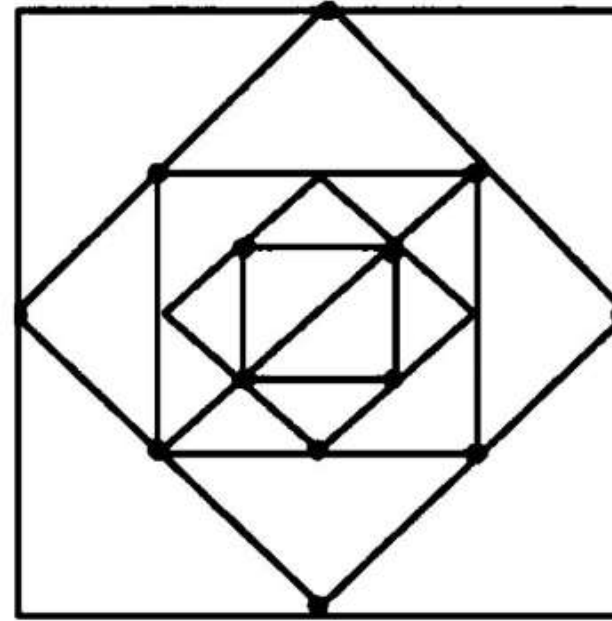
(c) 20

(d) 24

QUESTION 13

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 26

(b) 24

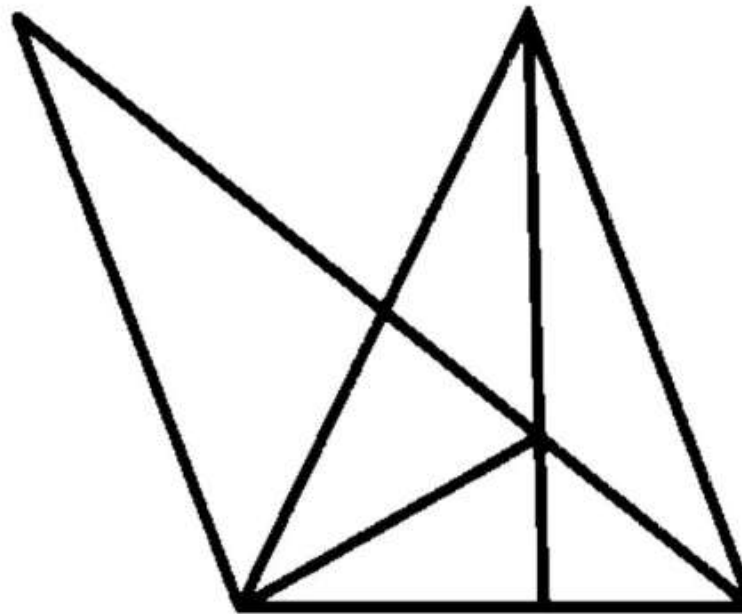
(c) 22

(d) 28

QUESTION 14

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 13

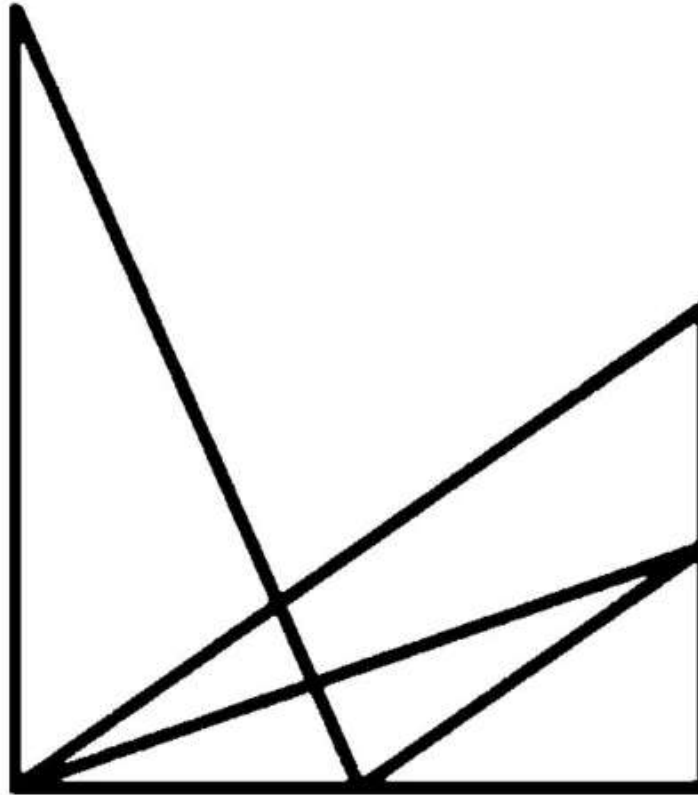
(b) 14

(c) 15

(d) 16

QUESTION 15

How many triangles are there in the given figure?
दी गई आकृति में कतने त्रिभुज हैं?



(a) 10

(b) 11

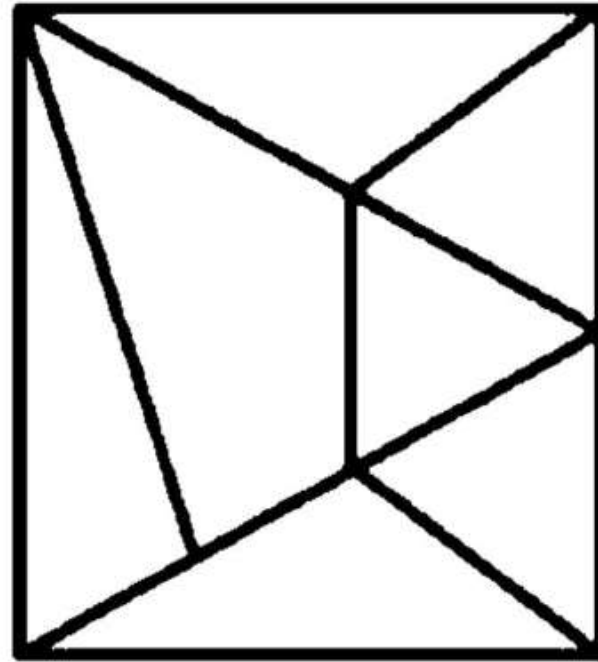
(c) 12

(d) 13

QUESTION 16

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 8

(b) 9

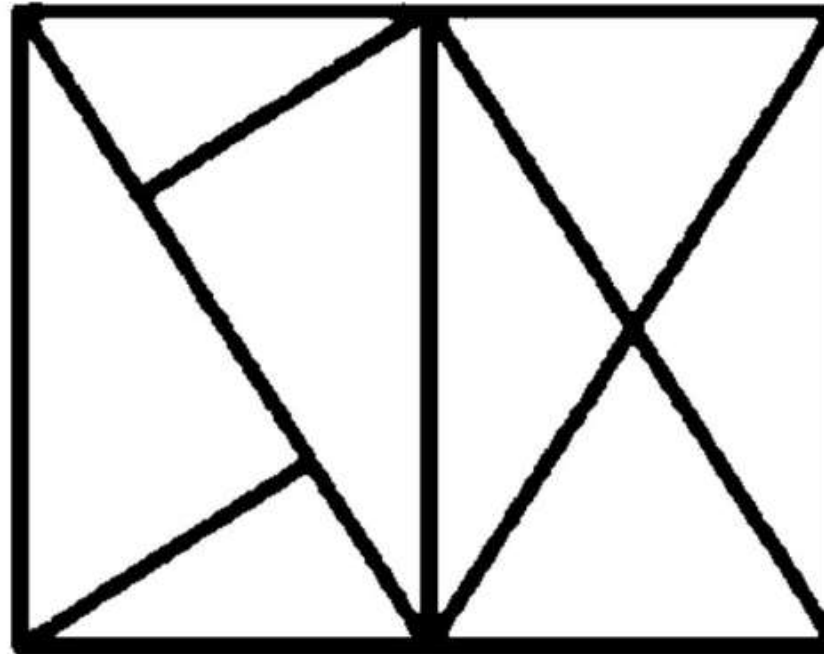
(c) 10

(d) 11

QUESTION 17

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 14

(b) 15

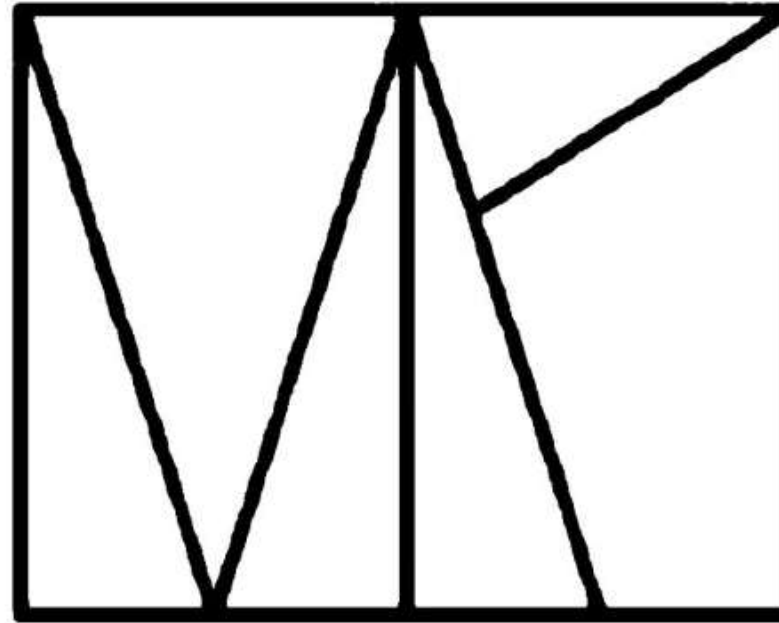
(c) 16

(d) 17

QUESTION 18

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 5

(b) 6

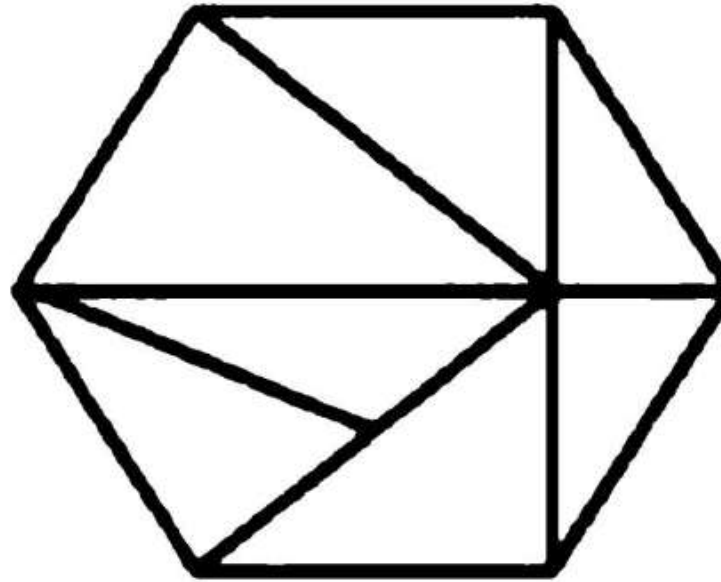
(c) 7

(d) 8

QUESTION 18

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 5

(b) 9

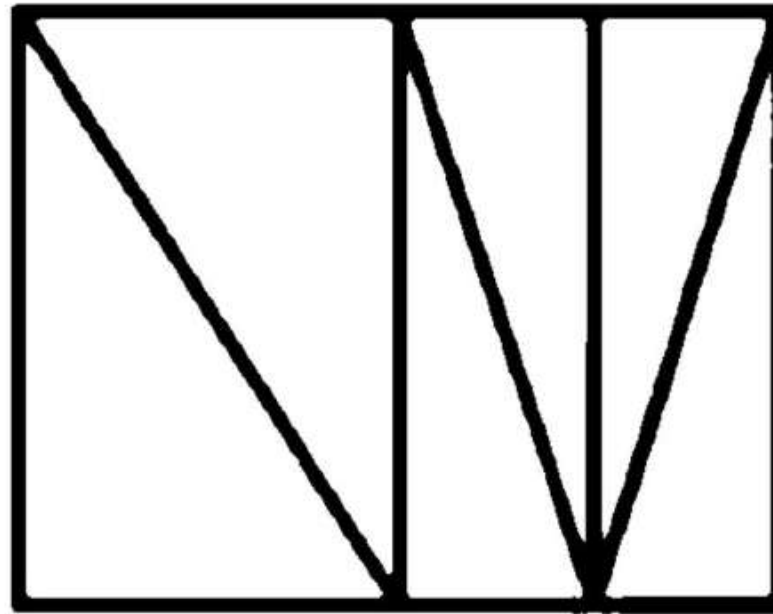
(c) 11

(d) 15

QUESTION 19

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 6

(b) 7

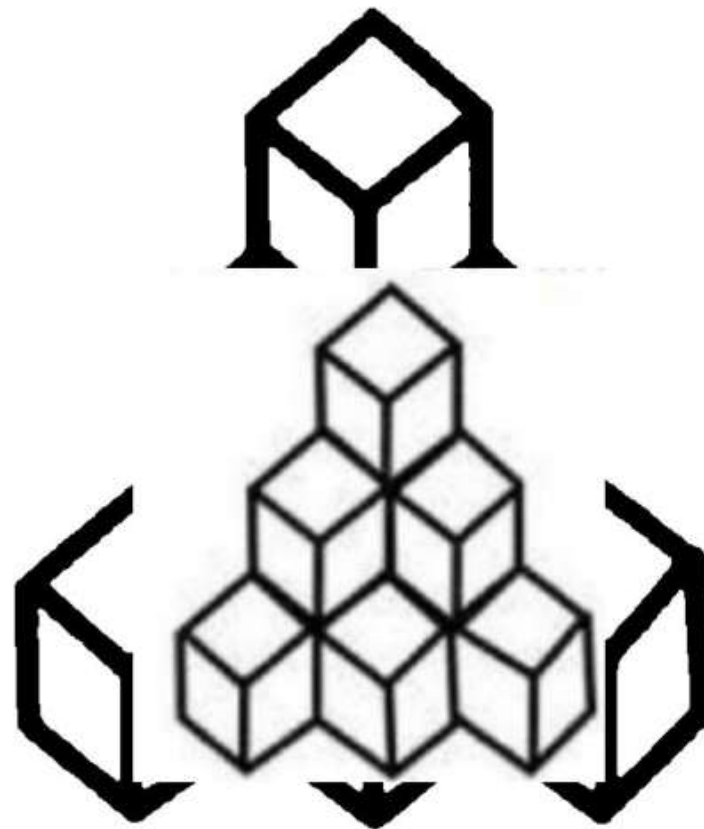
(c) 8

(d) 9

QUESTION 20

Find the total number of cubes in the figure.

आकृति में कुल घनों की संख्या ज्ञात कीजिए।



(a) 9

(b) 8

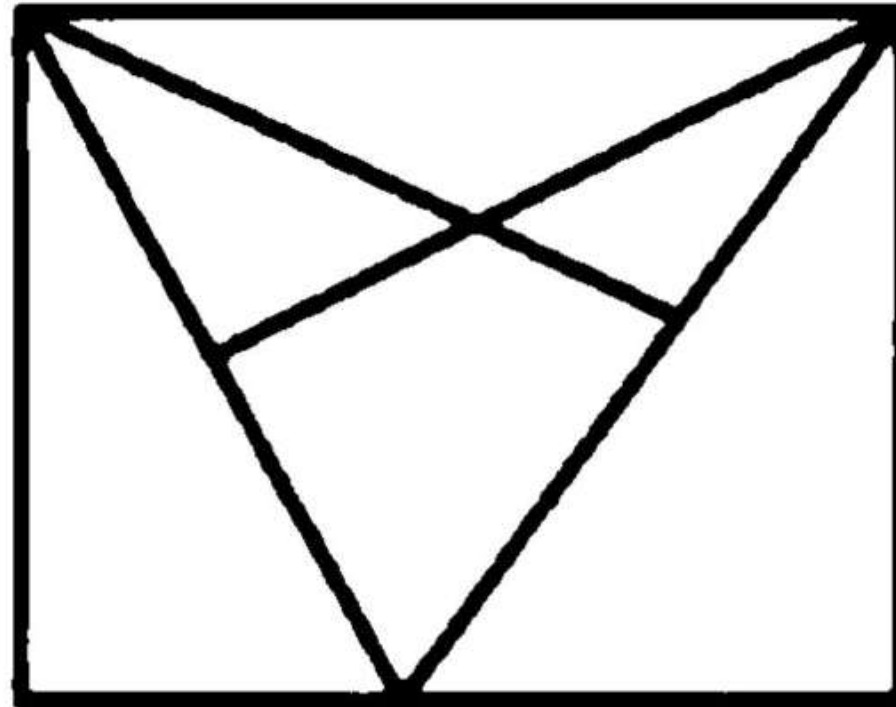
(c) 10

(d) 11

QUESTION 21

How many triangles are there in the given figure?

दी गई आकृति में कतने त्रिभुज हैं?



(a) 8

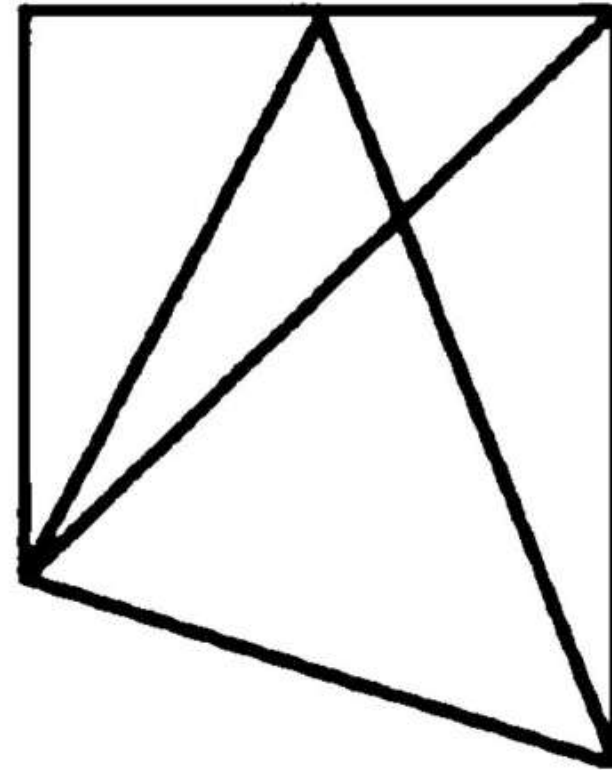
(b) 9

(c) 10

(d) 11

QUESTION 22

How many triangles are there in the given figure?
दी गई आकृति में कतने त्रिभुज हैं?



(a) 9

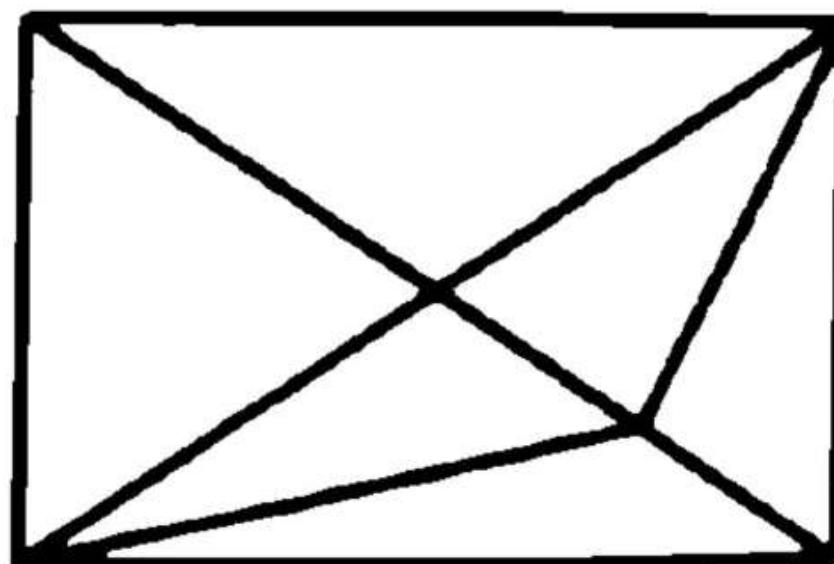
(b) 10

(c) 11

(d) 12

QUESTION 23

Find the number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की संख्या ज्ञात कीजिए।



(a) 11

(b) 13

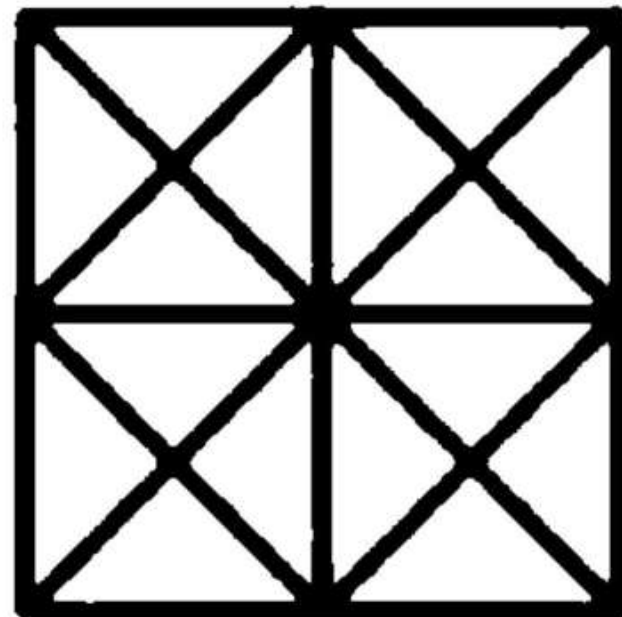
(c) 15

(d) 17

QUESTION 24

Find the total number of squares in the figure.

आकृति में कुल वर्गों की संख्या ज्ञात कीजिए।



(a) 6

(b) 12

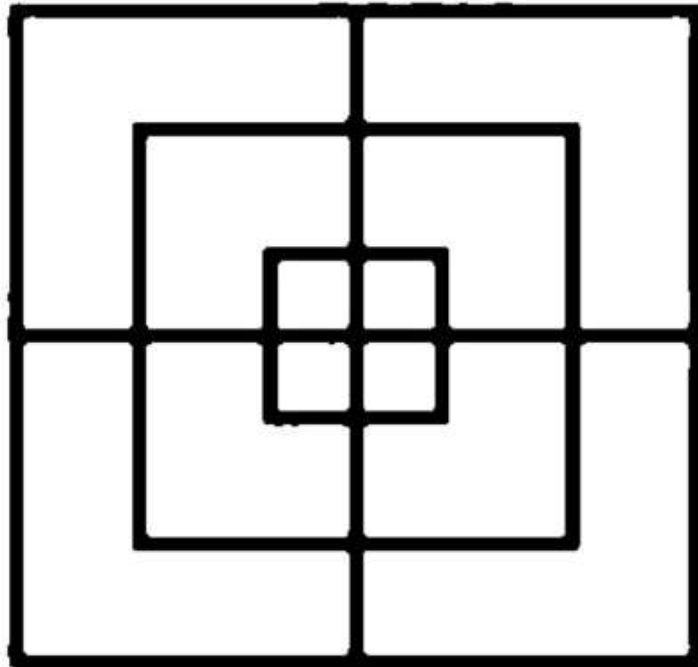
(c) 8

(d) 10

QUESTION 26

How many maximum squares are there in the given figure?

दी गई आकृति में अधिकतम कितने वर्ग हैं?



(a) 12

(b) 15

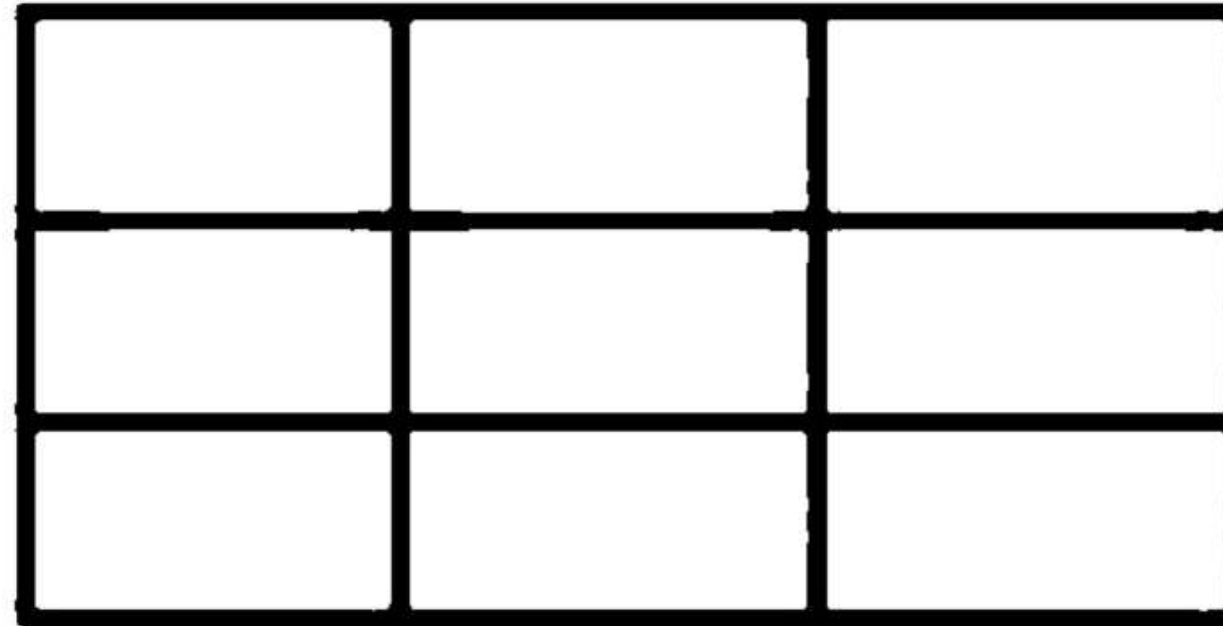
(c) 18

(d) 8

QUESTION 27

Find the total number of Rectangles in the figure.

आकृति में कुल आयतों की संख्या ज्ञात कीजिए।



(a) 31

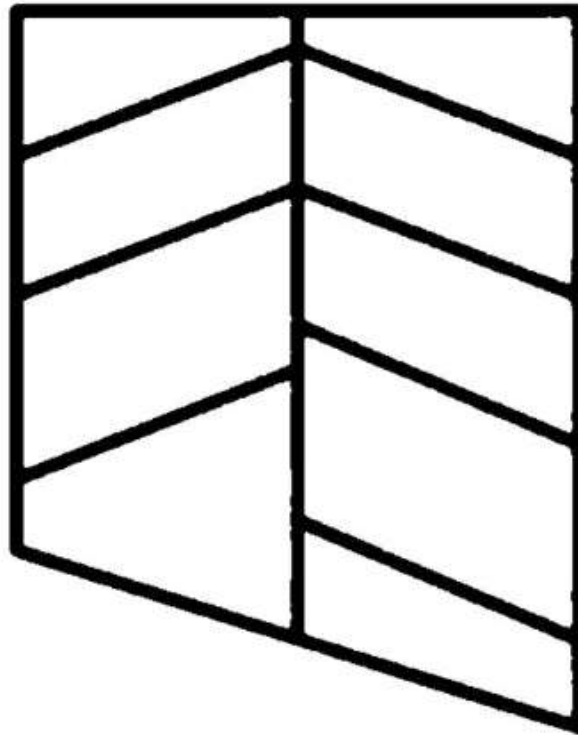
(b) 29

(c) 36

(d) 28

QUESTION 28

How many quadrilaterals are there in the given figure?
दी गई आकृति में कतने चतुर्भुज हैं?



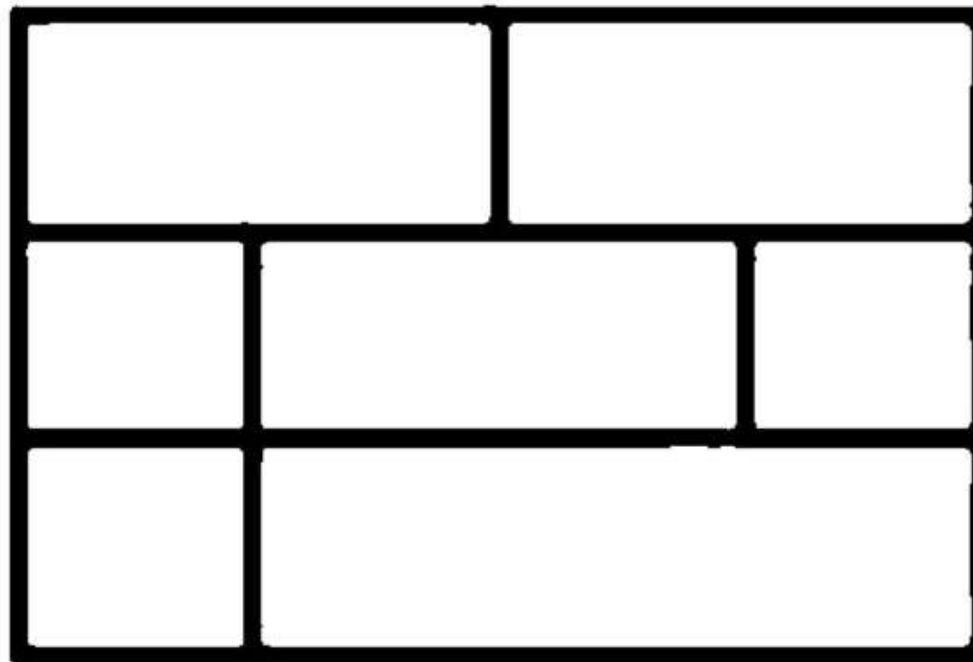
(a) 24

(c) 26

(b) 20

(d) 22

दी गई आकृति में कतने चतुर्भुज हैं?

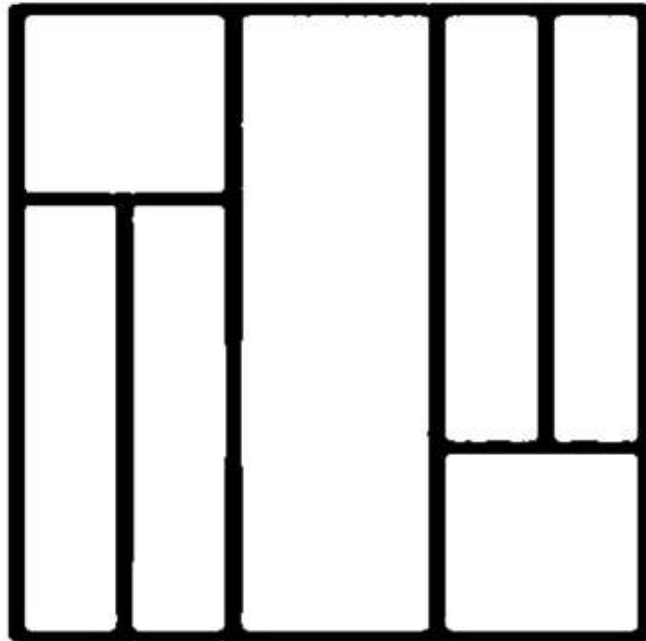


- (d) 15

QUESTION 29

How many quadrilaterals are there in the given figure?

दी गई आकृति में कतने चतुर्भुज हैं?



(a) 15

(b) 14

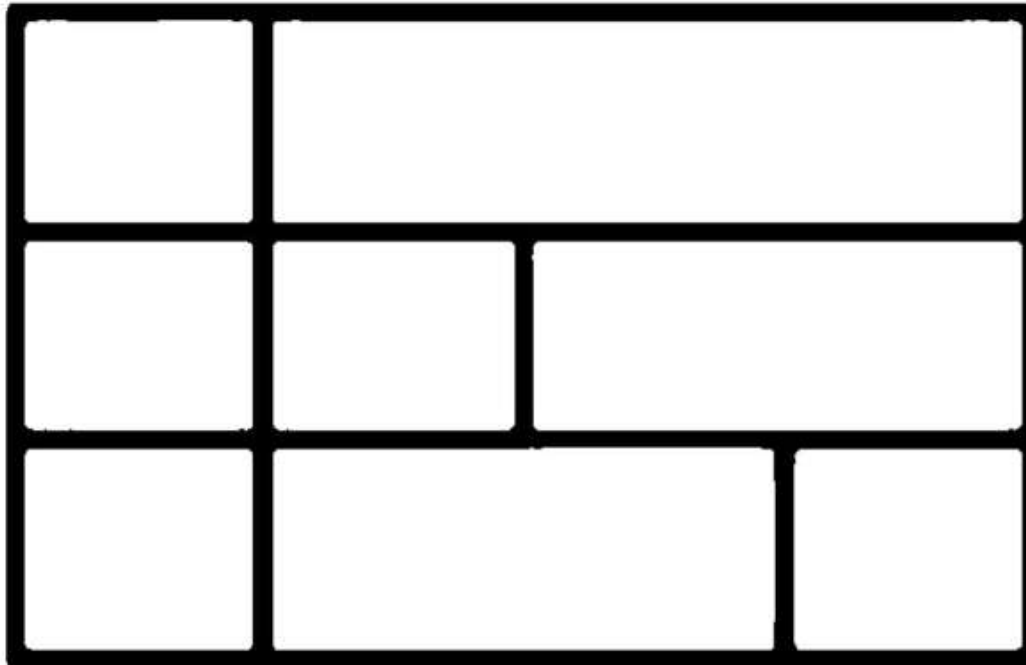
(c) 16

(d) 13

QUESTION 30

How many quadrilaterals are there in the given figure?

दी गई आकृति में कतने चतुर्भुज हैं?



(a) 24

(b) 21

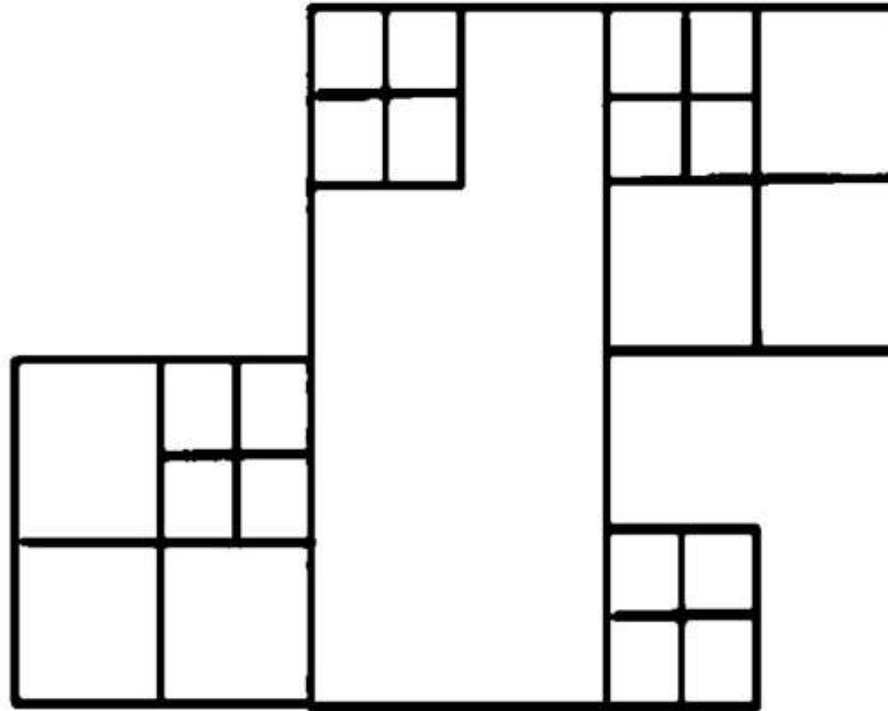
(c) 23

(d) 22

QUESTION 31

How many squares are there in the given figure?

दी गई आकृति में कतने वर्ग हैं?



(a) 53

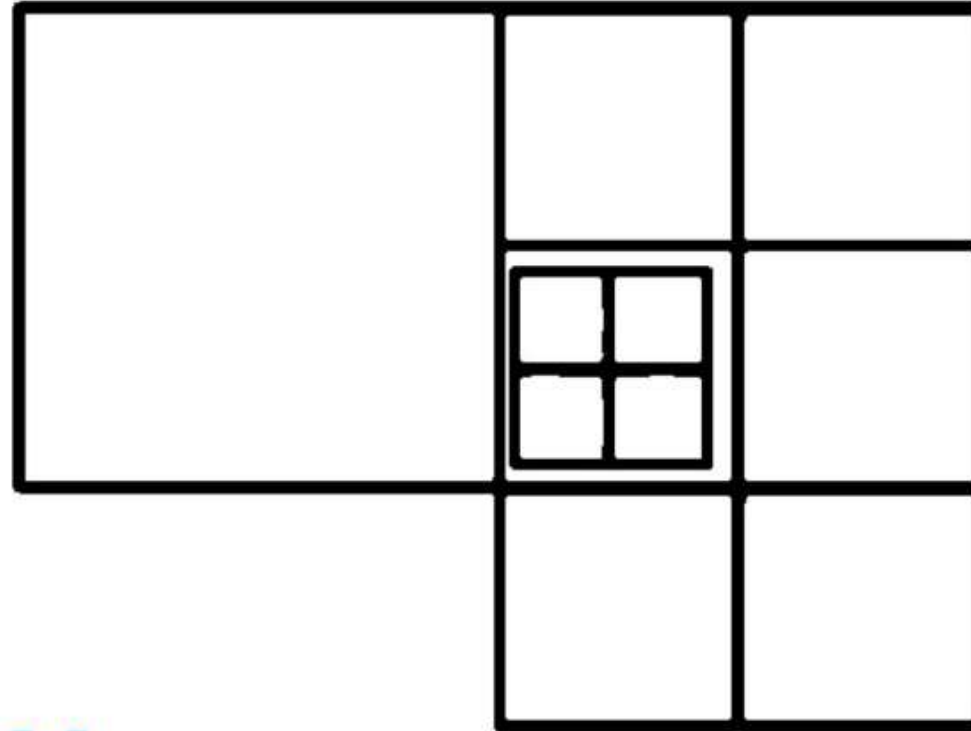
(b) 28

(c) 27

(d) 54

QUESTION 32

How many squares are there in the given figure?
दी गई आकृति में कतने वर्ग हैं?



(a) 14

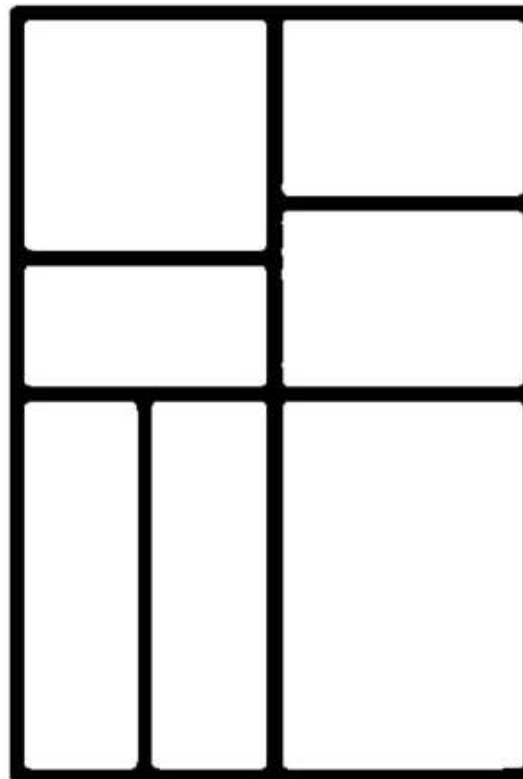
(b) 20

(c) 21

(d) 18

QUESTION 33

How many quadrilateral are there in the given figure?
दी गई आकृति में कतने चतुर्भुज हैं?



(a) 15

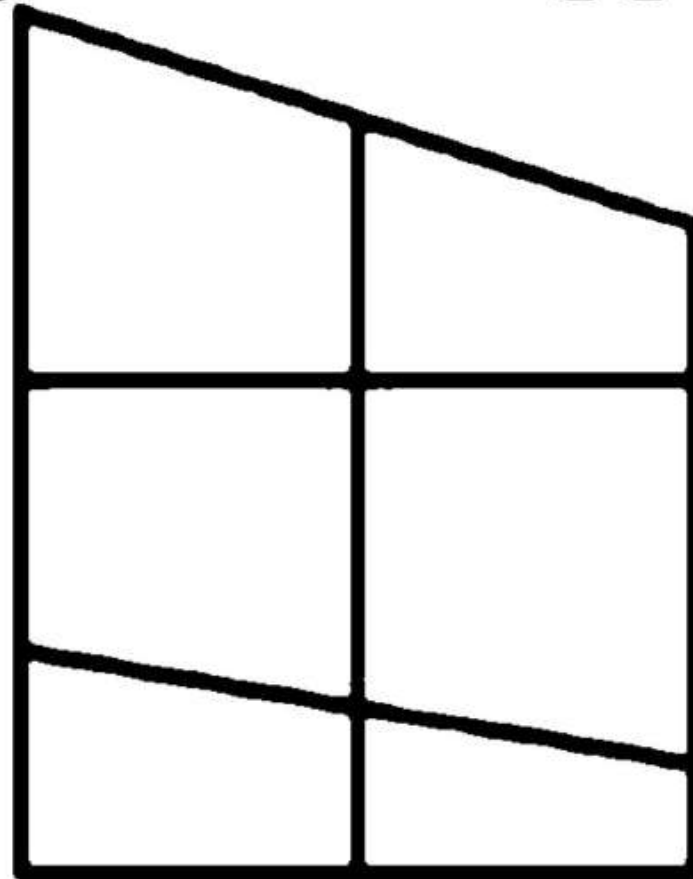
(b) 16

(c) 17

(d) 18

QUESTION 34

How many quadrilateral are there in the given figure?
दी गई आकृति में कतने चतुर्भुज हैं?



(a) 17

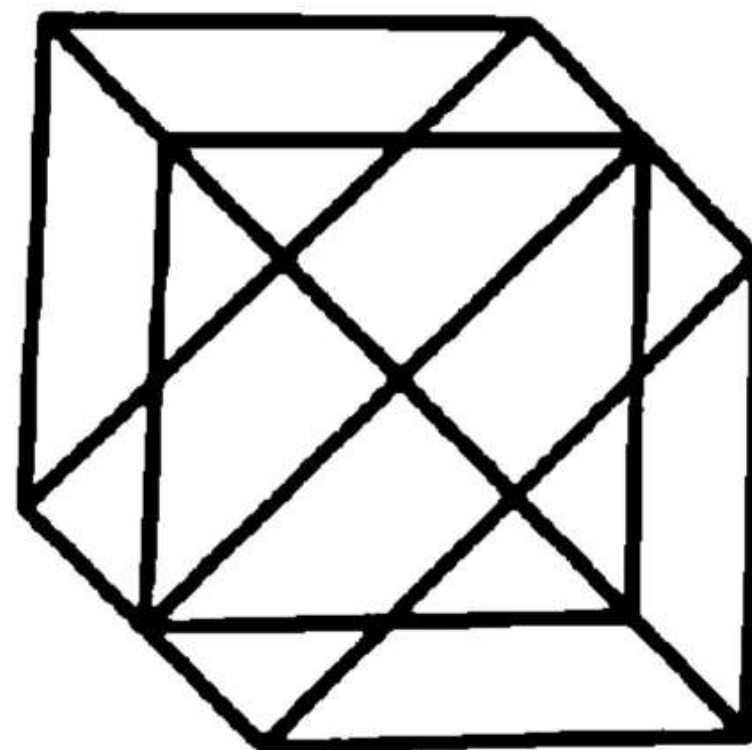
(c) 19

(b) 18

(d) 20

QUESTION 35

Find the number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की संख्या ज्ञात कीजिए।



(a) 18

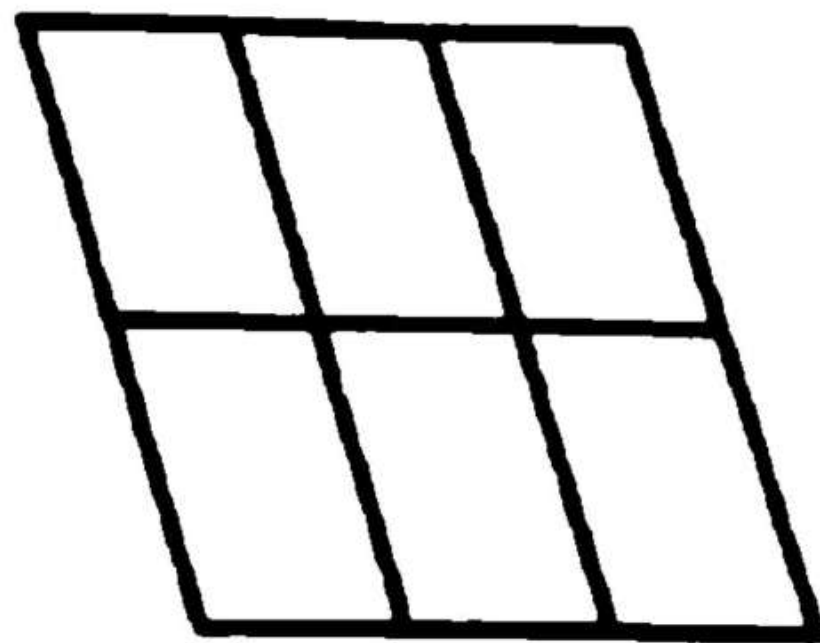
(c) 24

(b) 20

(d) 27

QUESTION 36

Count the number of parallelograms in the given figure.
दी गई आकृति में समांतर चतुर्भुजों की संख्या गनें।



(a) 20

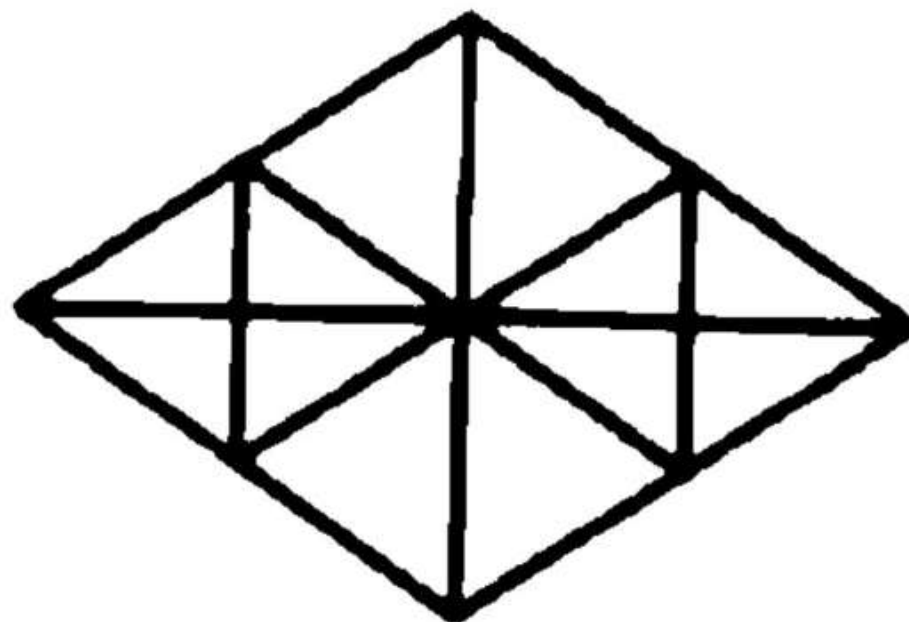
(b) 18

(c) 16

(d) 12

QUESTION 37

Find the number of triangles in the given figure.
दी गई आकृति में त्रिभुजों की संख्या ज्ञात कीजिए।



(a) 16

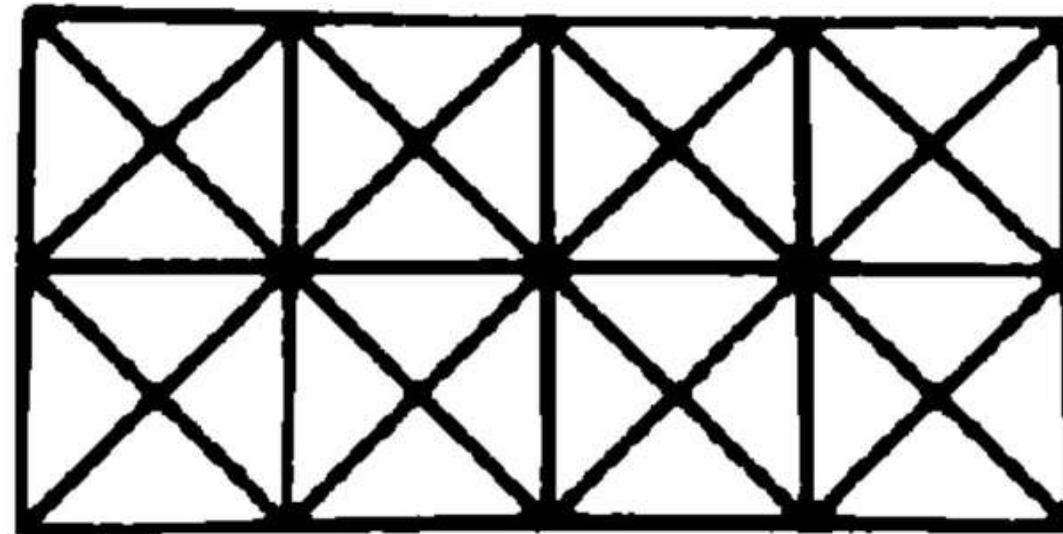
(b) 22

(c) 28

(d) 32

QUESTION 38

Find the number of lines in the given figure.
दी गई आकृति में Lines की संख्या ज्ञात कीजिए।



(a) 11

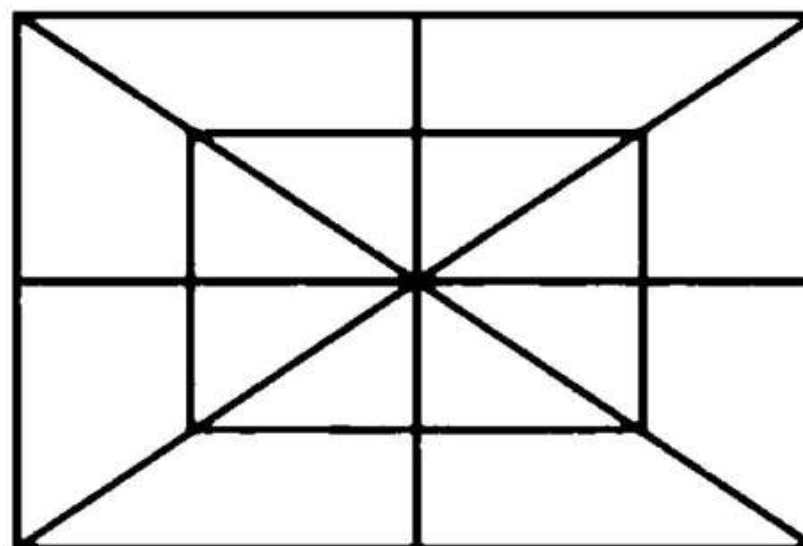
(b) 12

(c) 13

(d) 16

QUESTION 39

Find the number of straight lines in the given figure:
दी गई आकृति में सीधी रेखाओं की संख्या ज्ञात कीजिए।



(a) 16

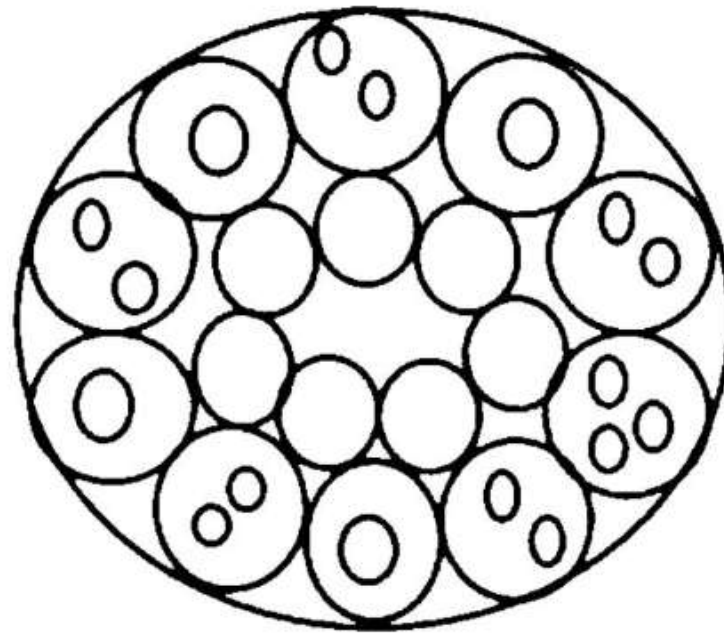
(b) 18

(c) 14

(d) 12

QUESTION 40

Count the number of circles in the Following Figure.
निम्न ल खत आकृति में वृत्तों की संख्या गनें।



(a) 36

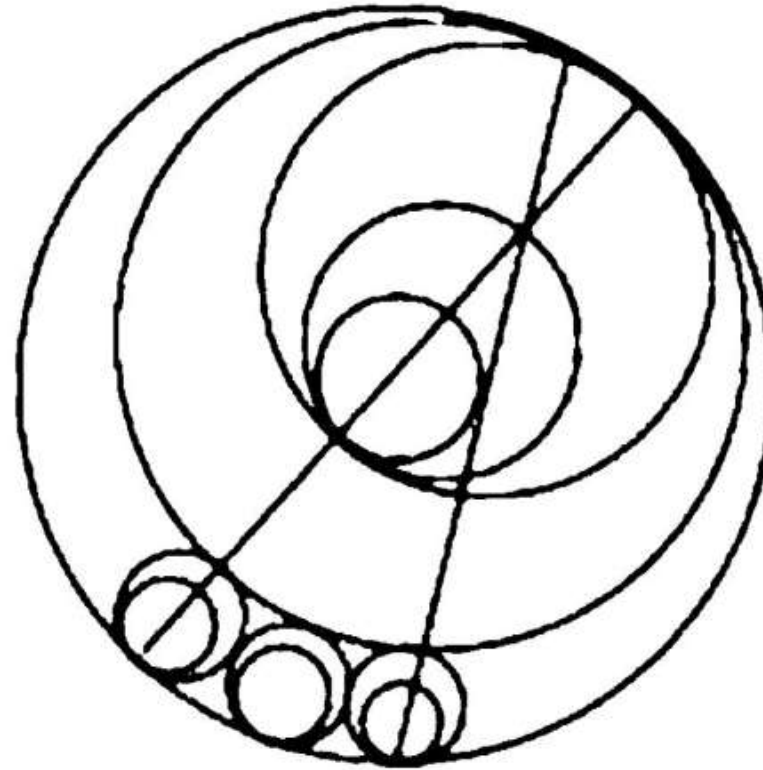
(b) 32

(c) 34

(d) 35

QUESTION 41

How many circles are there in the given figure?
दी गई आकृति में कतने वृत्त हैं?



(a) 12

(c) 10

(b) 11

(d) 13