

EXERCISE: 6

निर्देशन (Direction): 1- 7

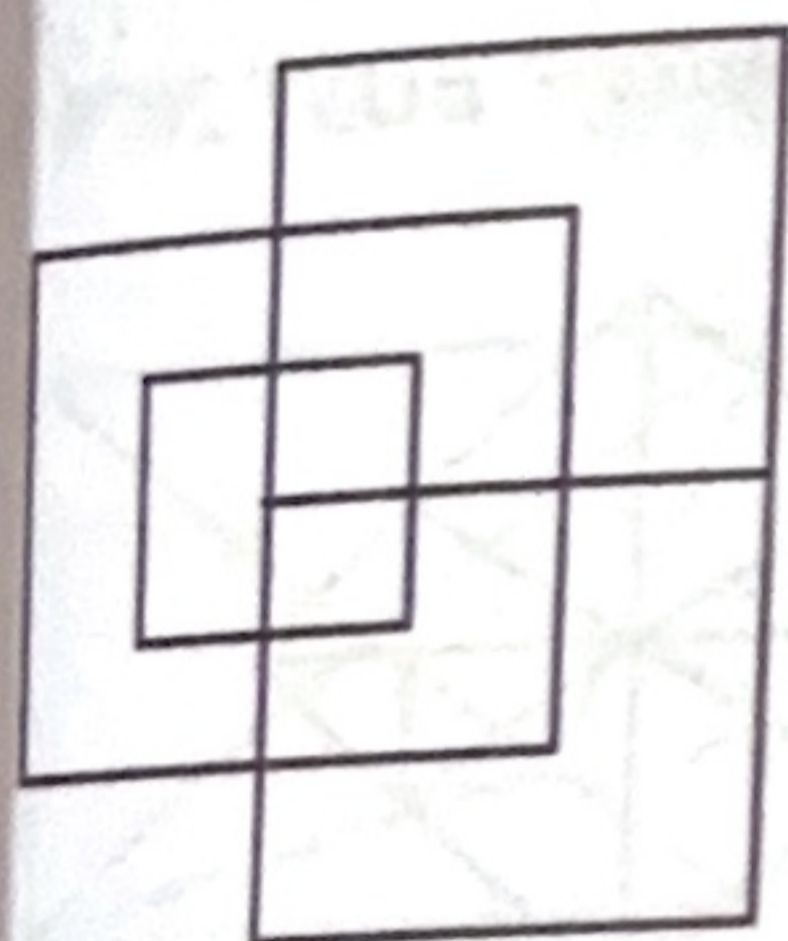
निम्न चित्रमा कतिवटा सिधा रेखाहरु छन् ?
How many Straight lines are there in the following figure ?



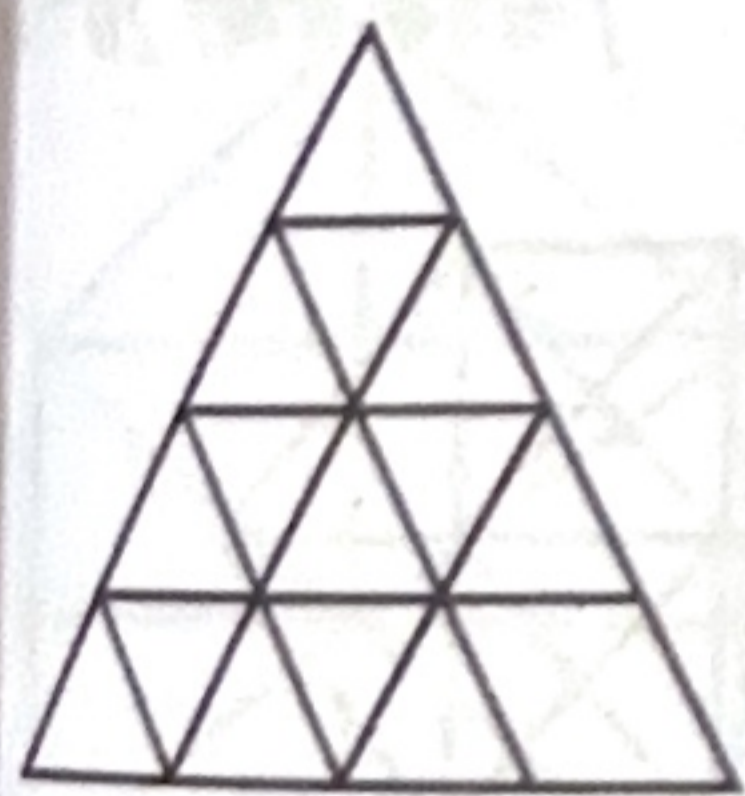
- (a) 5 (b) 10
(c) 9 (d) 8



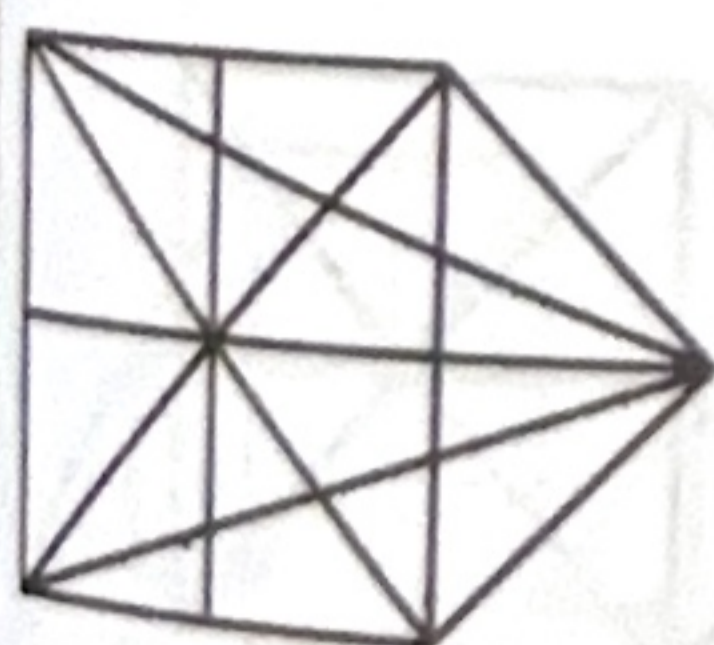
- (a) 11 (b) 14
(c) 16 (d) 17



- (a) 12 (b) 13
(c) 14 (d) 15

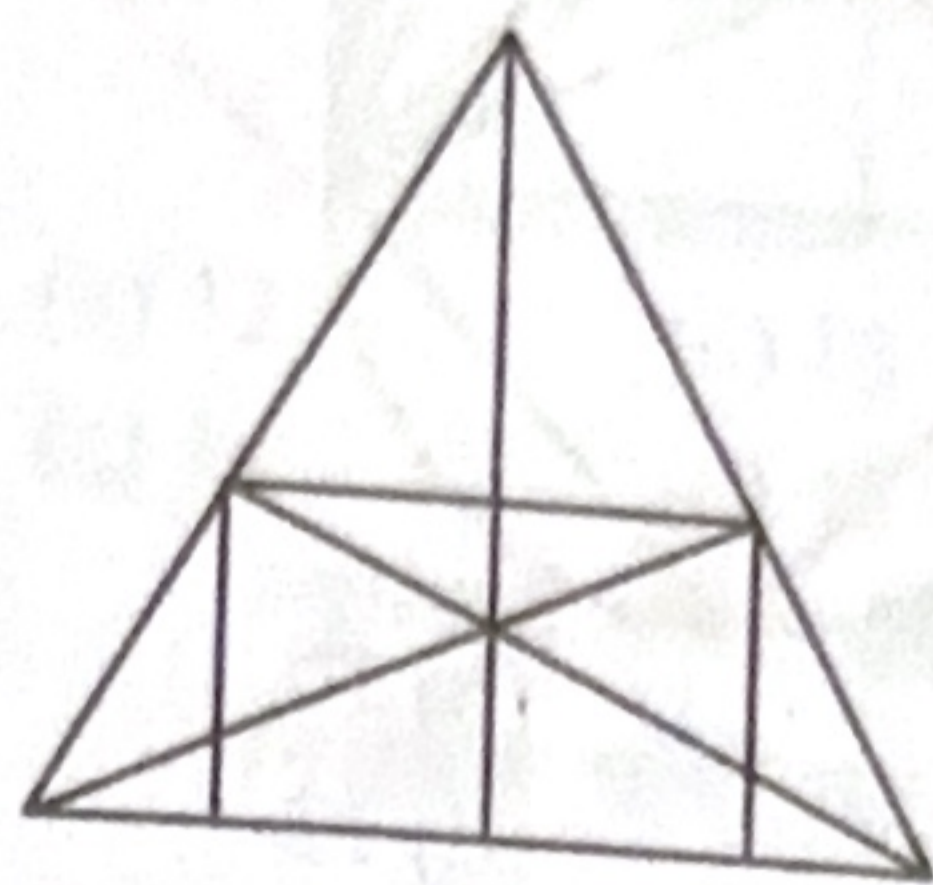


- (a) 9 (b) 11
(c) 15 (d) 48



- (a) 10 (b) 12
(c) 13 (d) 17

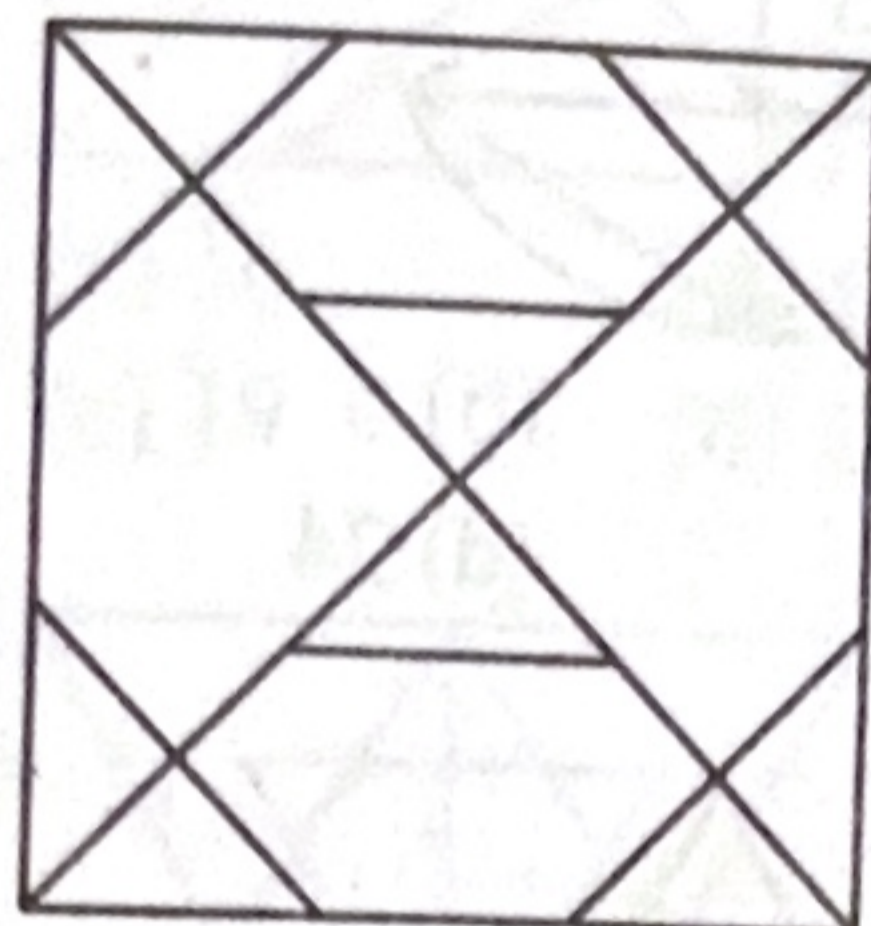
6.



- (a) 10 (b) 9
(c) 8 (d) 6

[वतावरण निरीक्षक प्राविधिक
2079/11/27]

7.



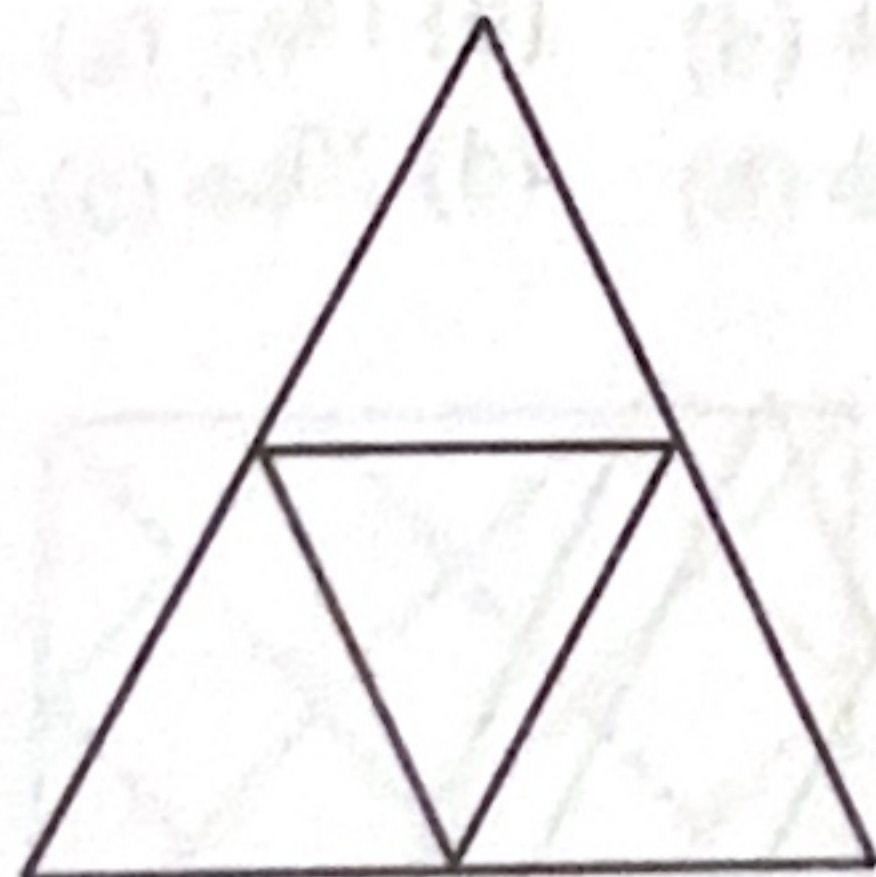
- (a) 12 (b) 13
(c) 14 (d) 15

[लुम्बिनी प्रदेश महिला विकास निरीक्षक
चौथो तह 2080/1/30]

निर्देशन (Direction) Q. 8 – 116

तल दिइएका आकृतिमा जम्मा कतिवटा त्रिभुजहरु रहेका छन् ?
How many Triangles are there in the figure given below ?

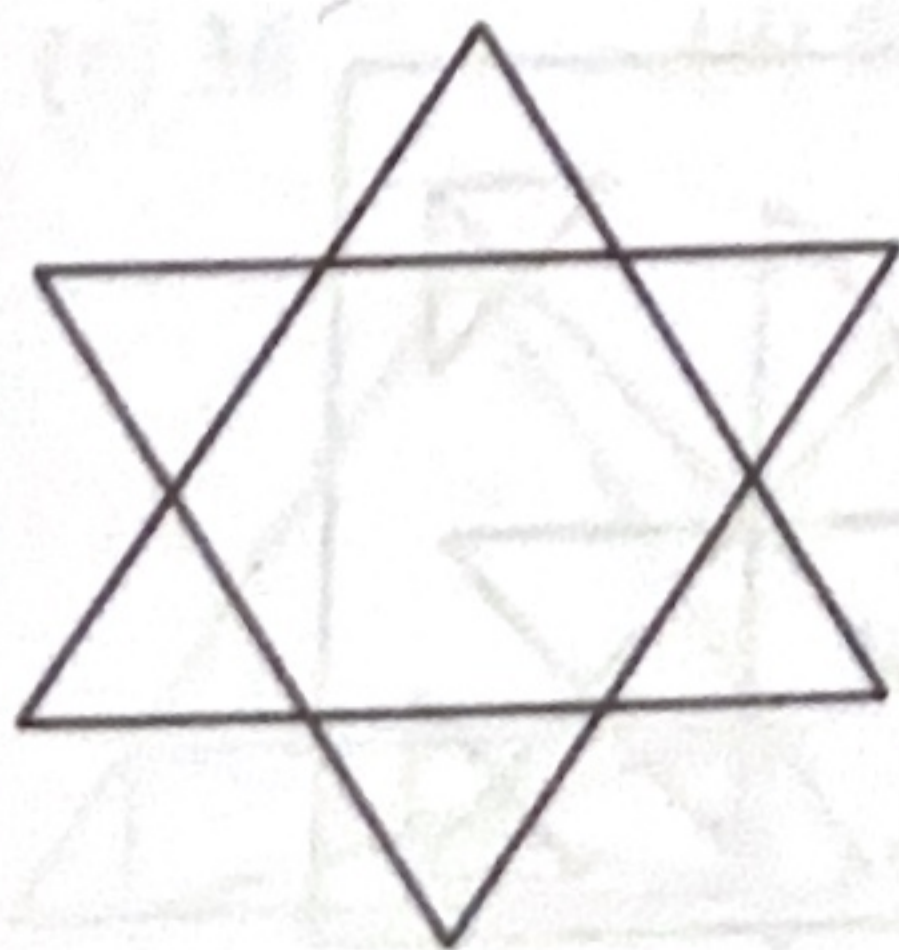
8.



- (a) (b) 5
(c) 6 (d) 7

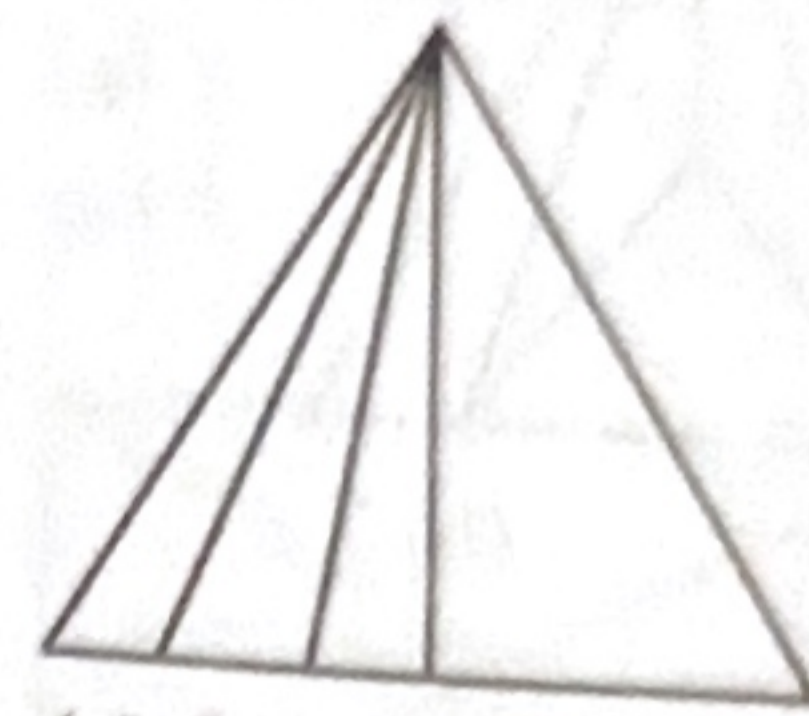
[ASI: 2072]

9.



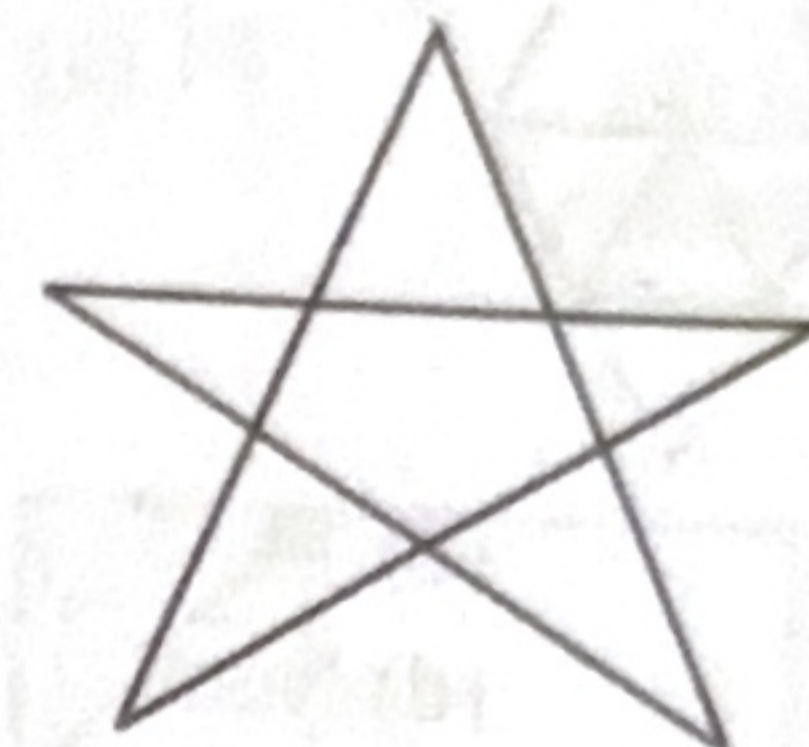
- (a) 6 (b) 7
(c) 8 (d) 9

10.



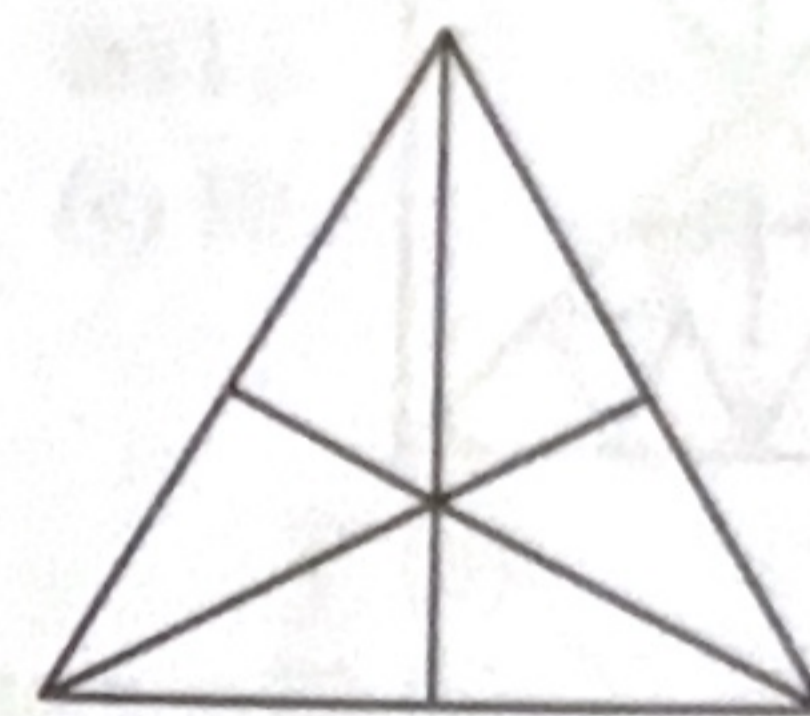
- (a) 5 (b) 12
(c) 9 (d) 10

11.



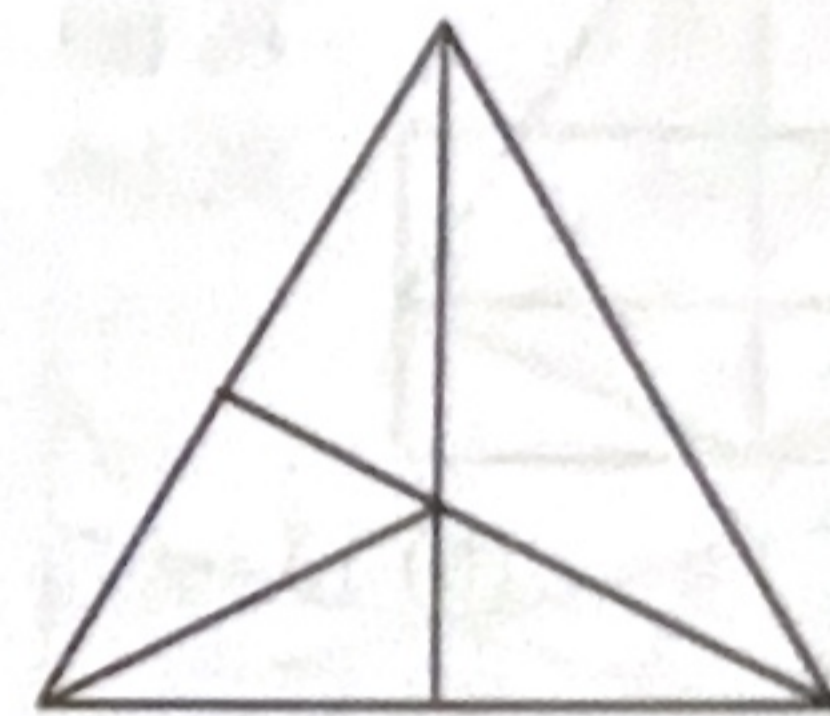
- (a) 5 (b) 6
(c) 8 (d) 10

12.



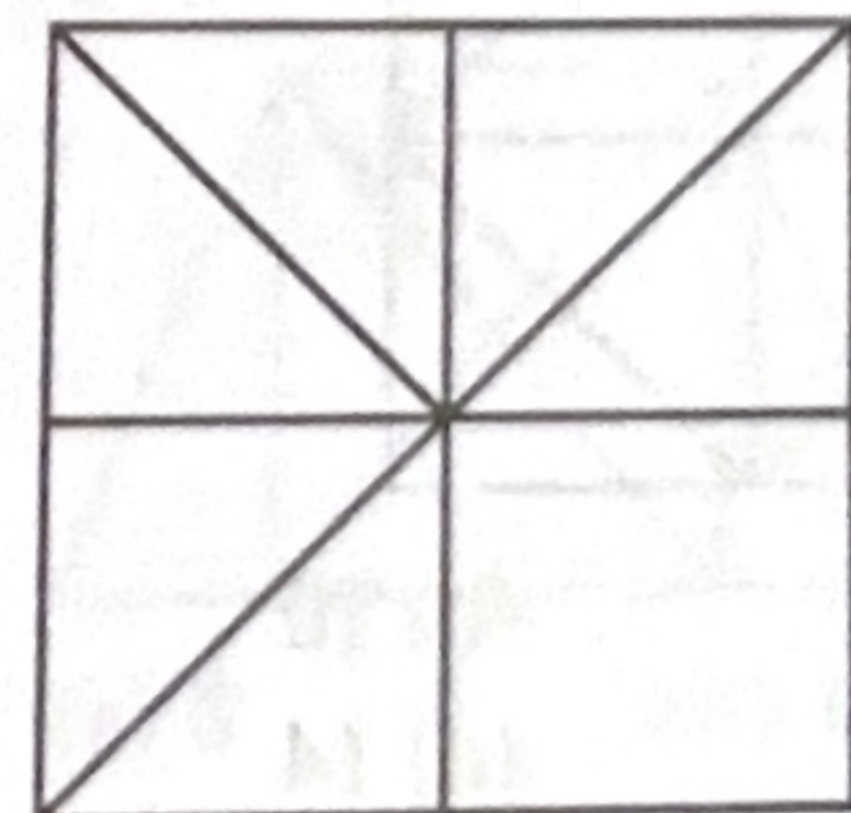
- (a) 16 (b) 13
(c) 9 (d) 7

13.



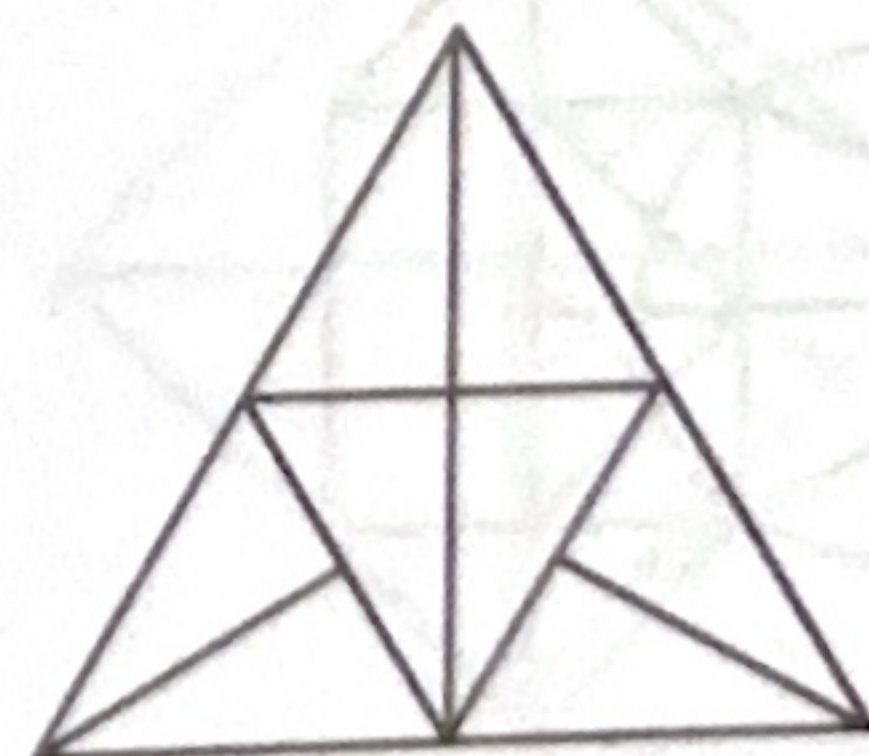
- (a) 12 (b) 16
(c) 10 (d) 11

14.



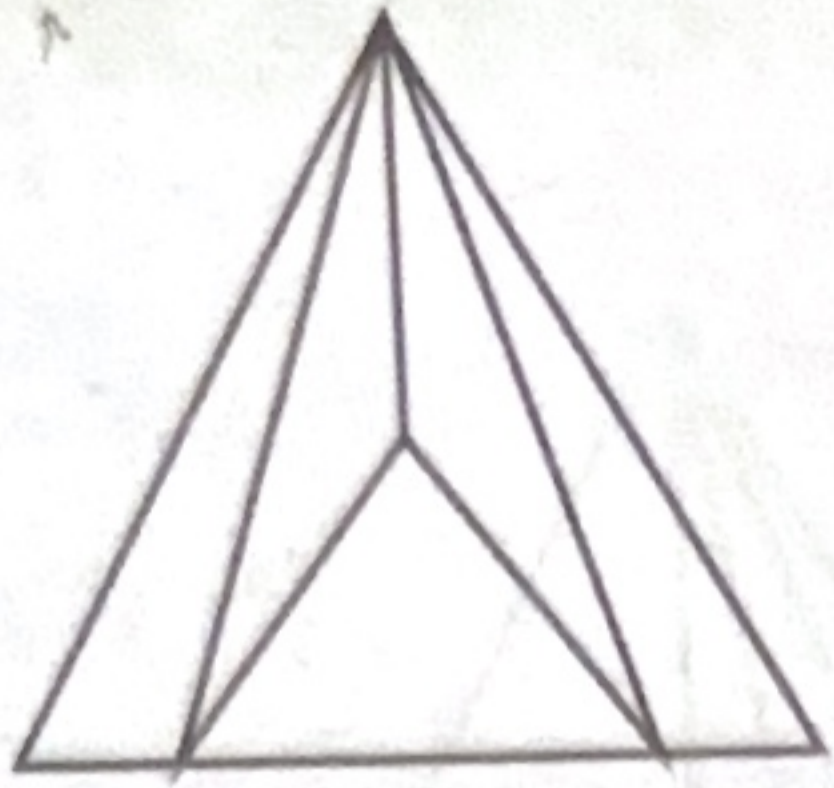
- (a) 8 (b) 10
(c) 12 (d) 11

15.



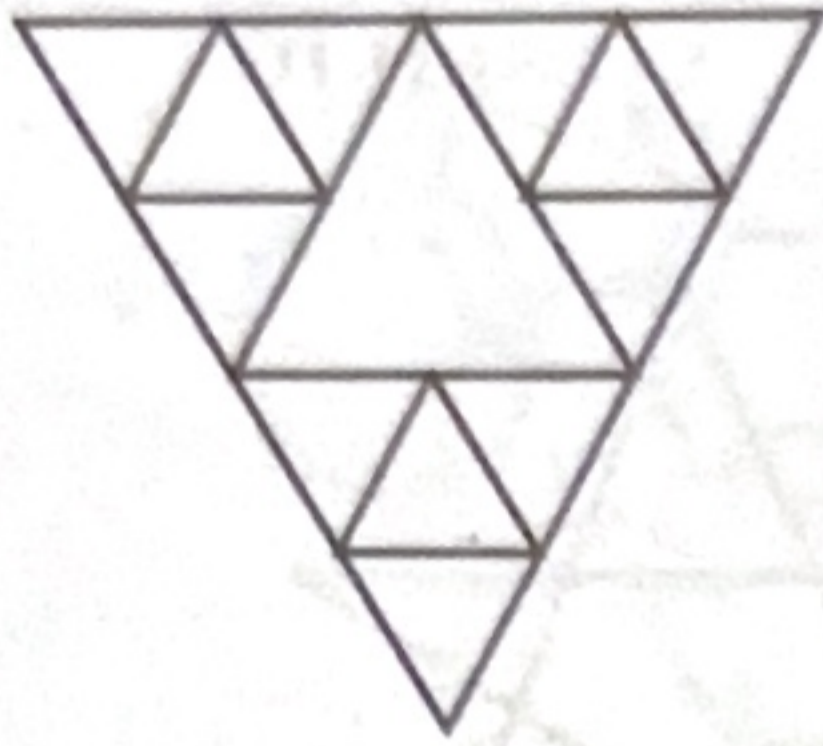
- (a) 17 (b) 15
(c) 13 (d) 9

16.



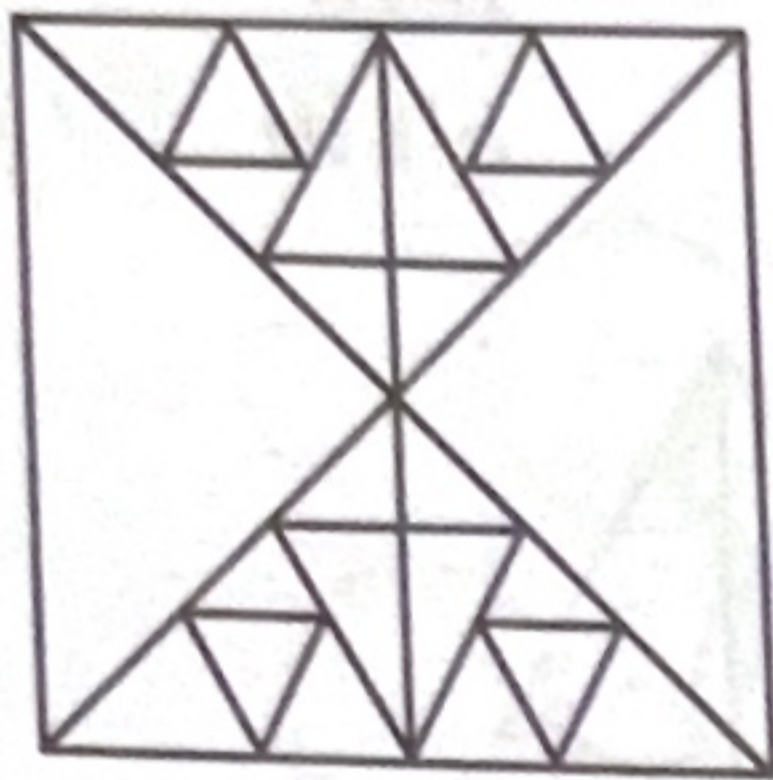
- (a) 6
- (b) 7
- (c) 8
- (d) 9

17.



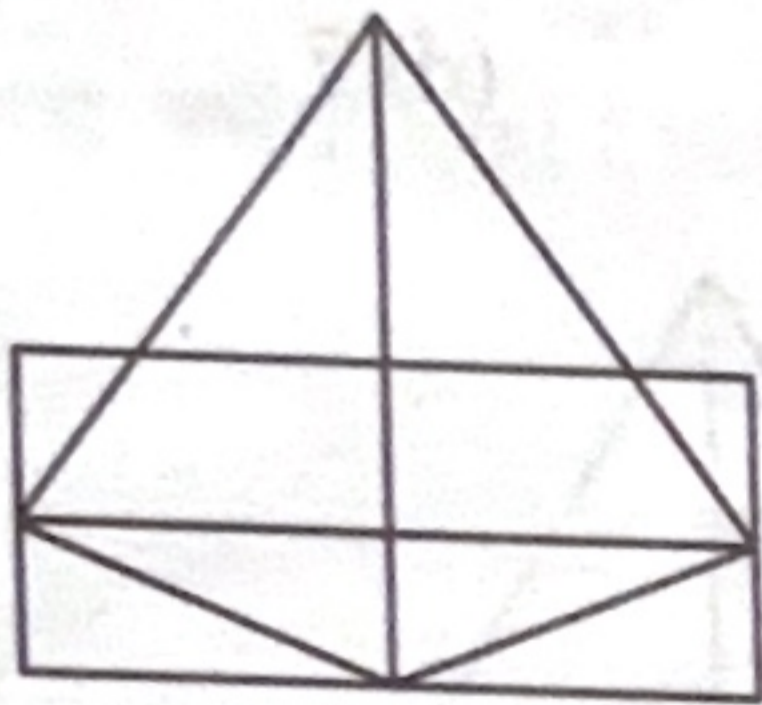
- (a) 13
- (b) 14
- (c) 17
- (d) None

18.



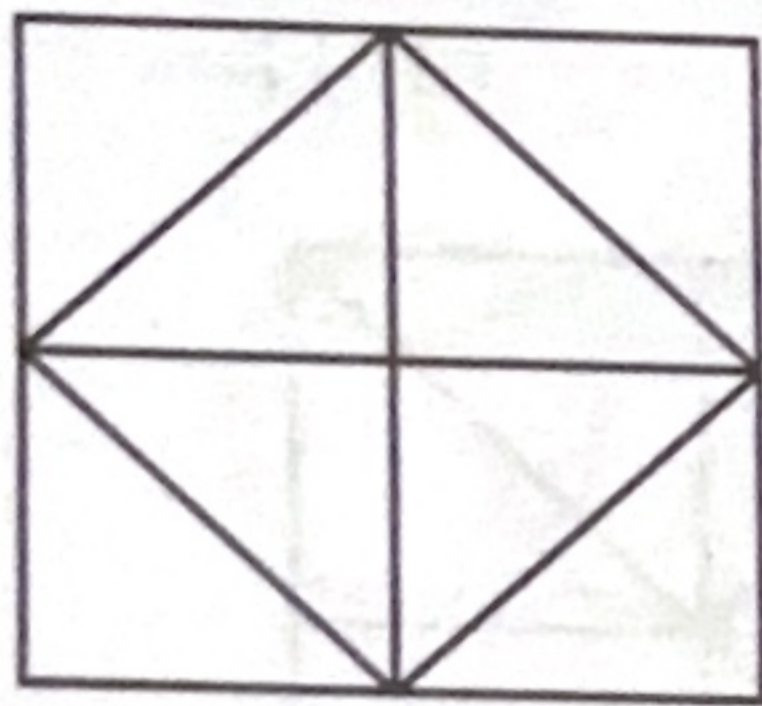
- (a) 34
- (b) 38
- (c) 44
- (d) 48 or more

19.



- (a) 11
- (b) 13
- (c) 15
- (d) 17

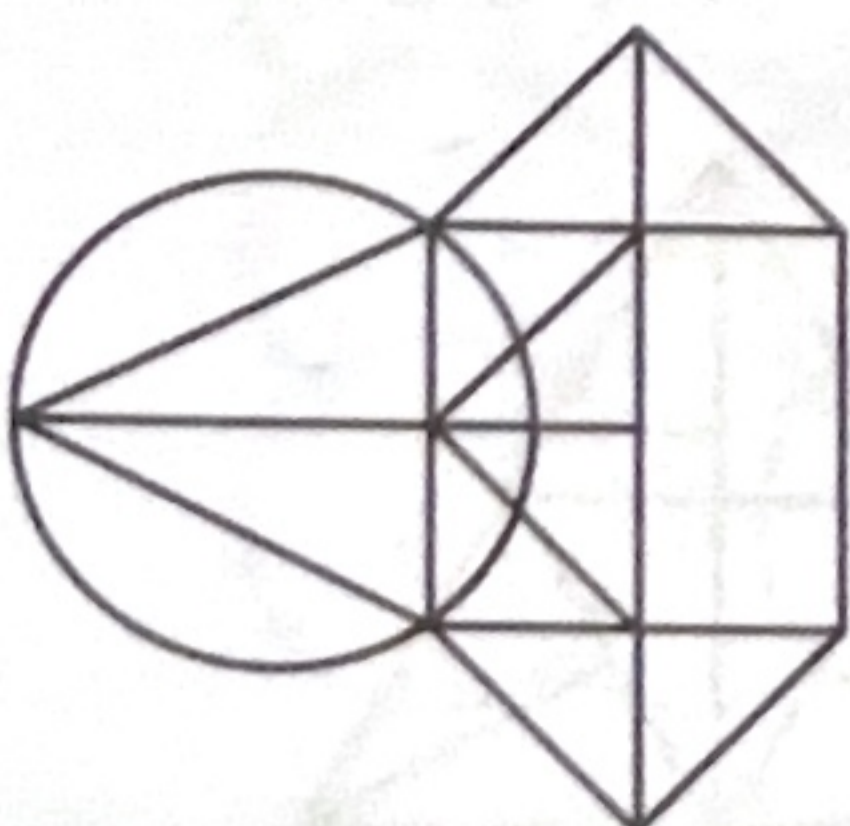
20.



- (a) 8
- (b) 10
- (c) 12
- (d) 14

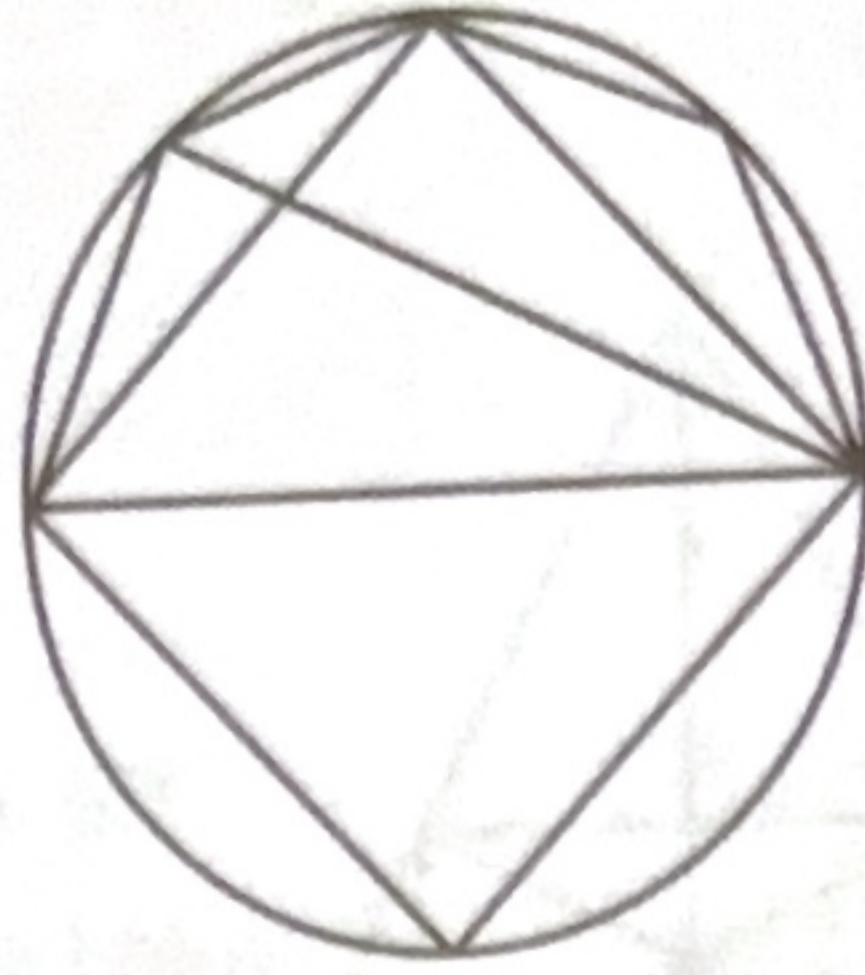
[खरिदार BOST 2079/6/18]

21.



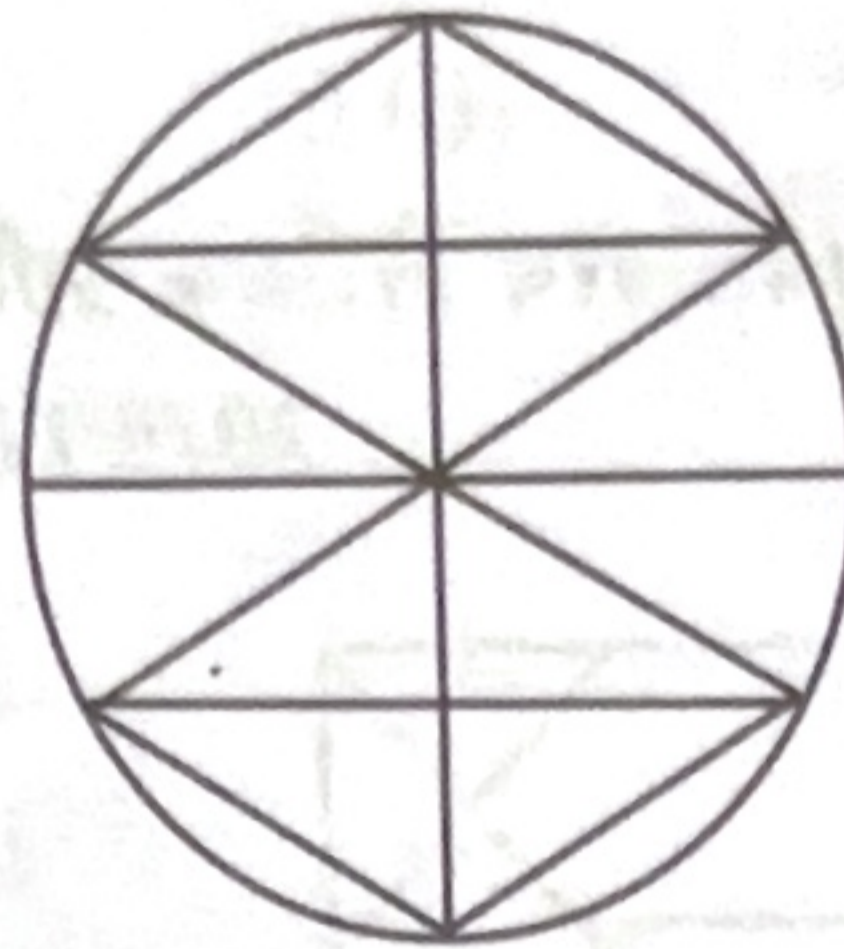
- (a) 10
- (b) 12
- (c) 14
- (d) 16

22.



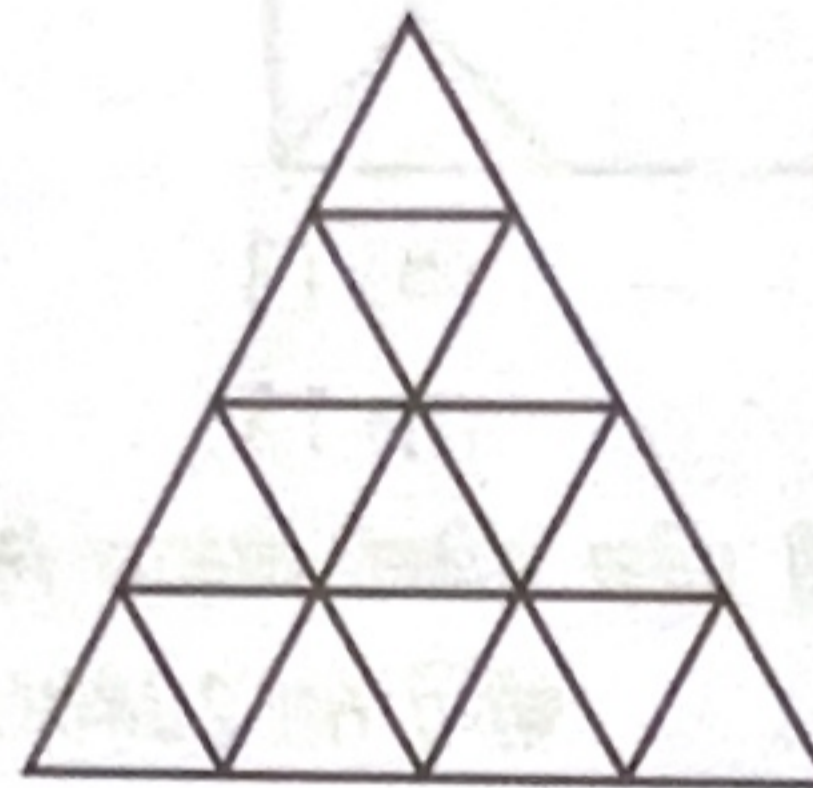
- (a) 8
- (b) 10
- (c) 11
- (d) 12

23.



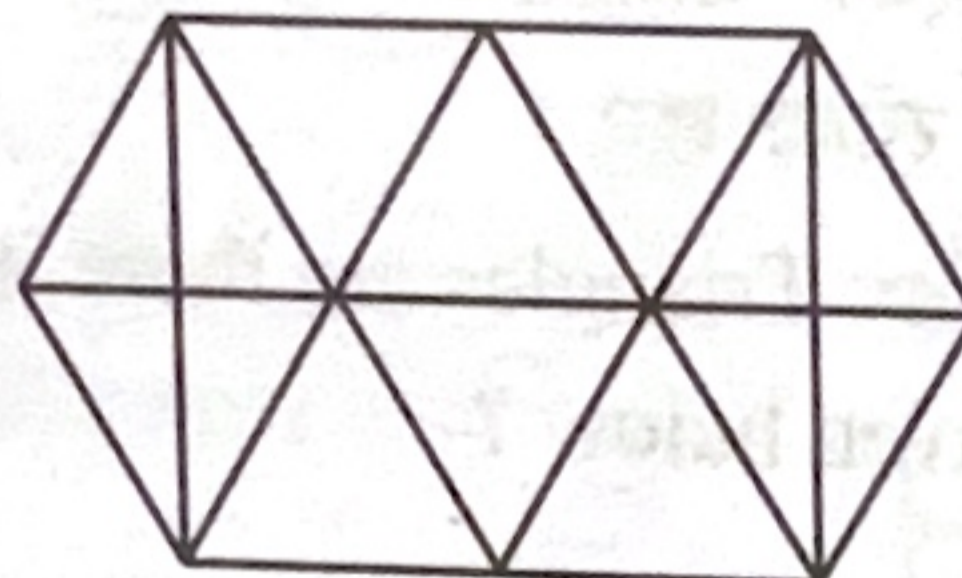
- (a) 16
- (b) 6
- (c) 22
- (d) 24

24.



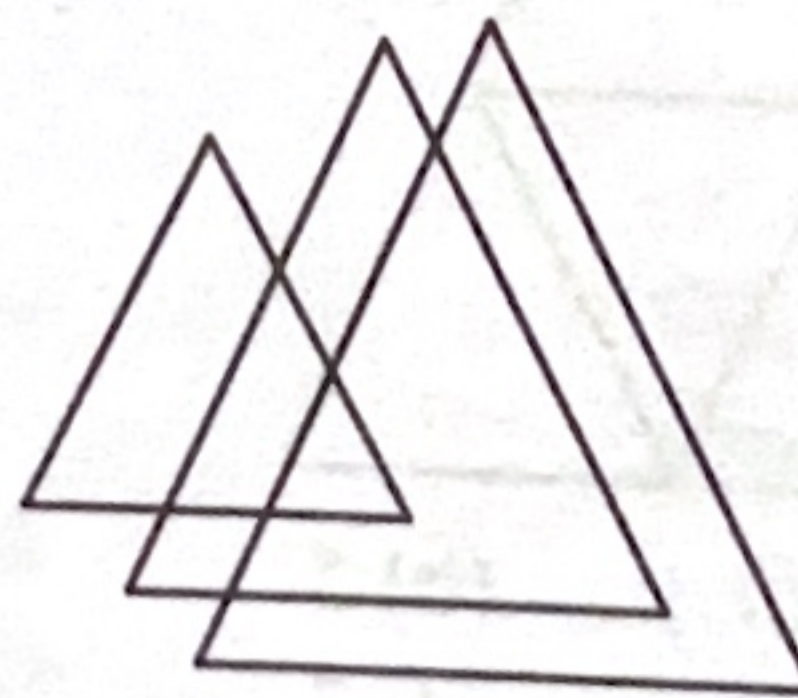
- (a) 29
- (b) 27
- (c) 23
- (d) 30

25.



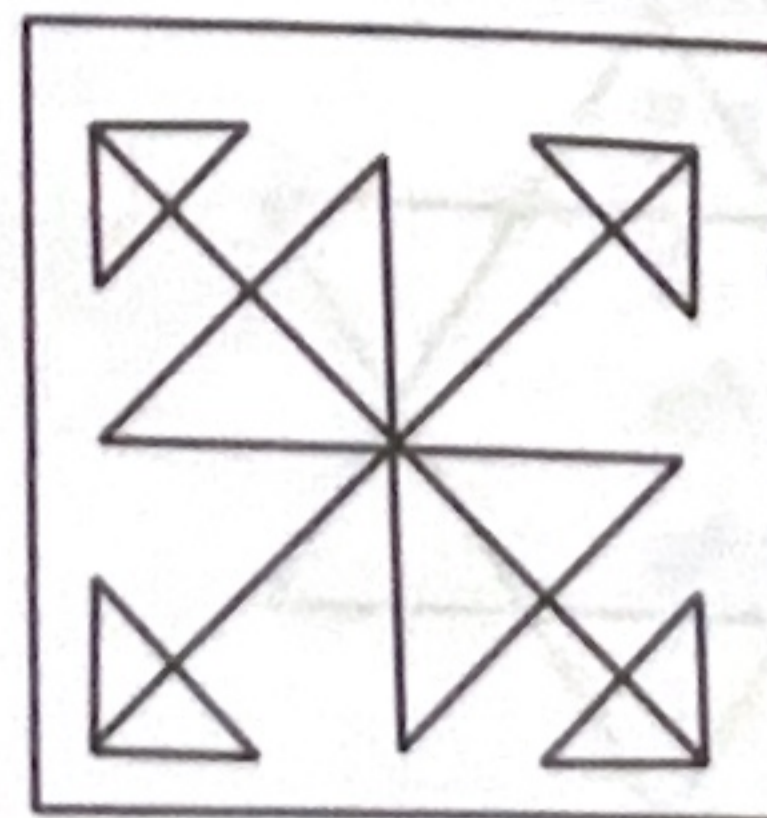
- (a) 24
- (b) 14
- (c) 28
- (d) 20

26.



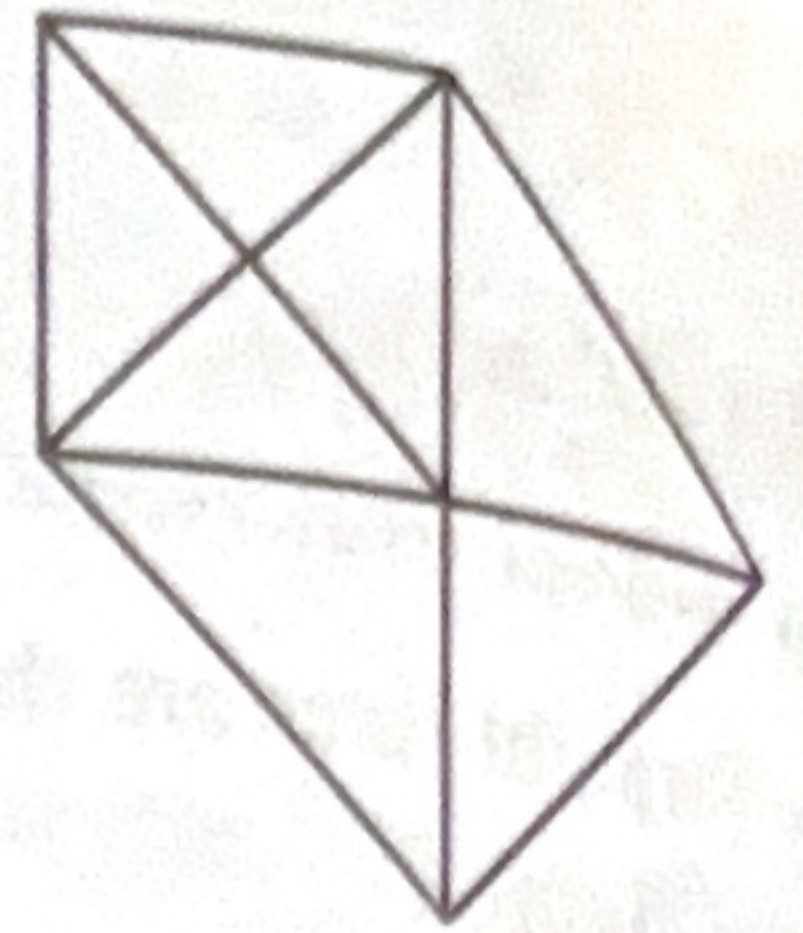
- (a) 4
- (b) 5
- (c) 6
- (d) 7

27.



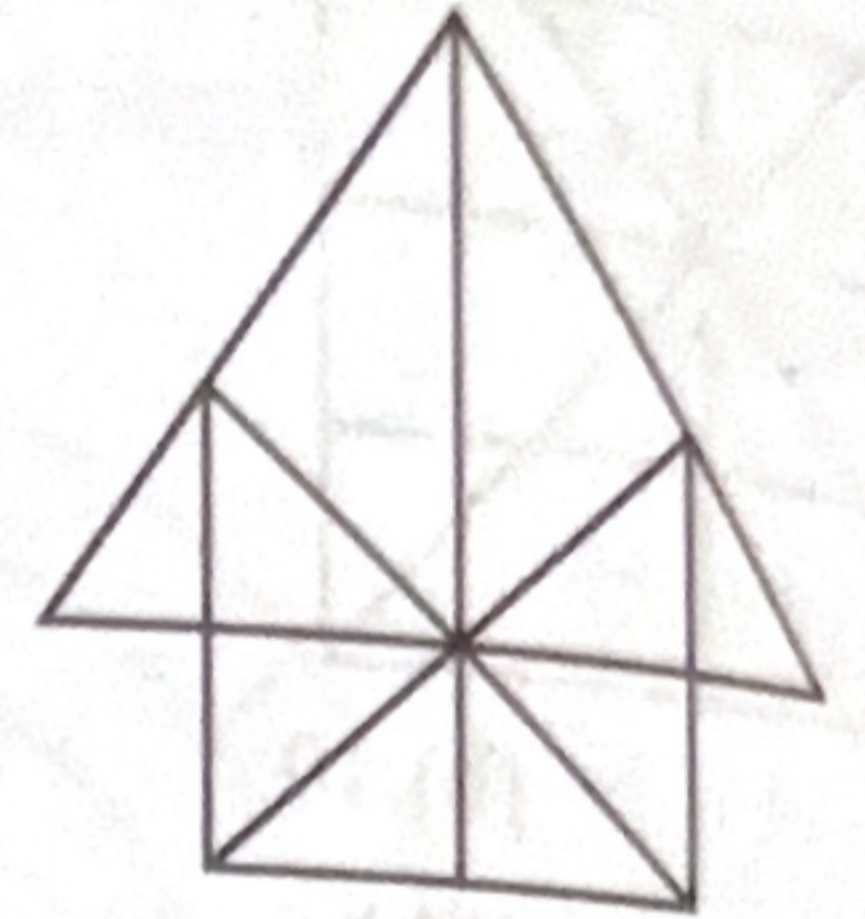
- (a) 12
- (b) 14
- (c) 16
- (d) 18

28.



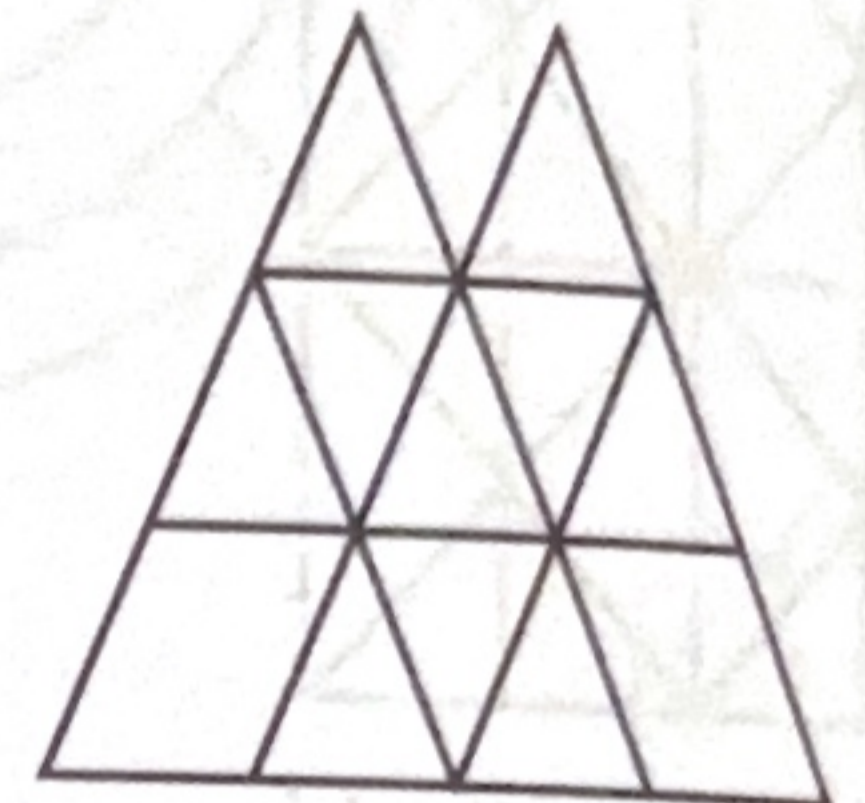
- (a) 11
- (b) 12
- (c) 15
- (d) 13

29.



- (a) 16
- (b) 17
- (c) 18
- (d) 20

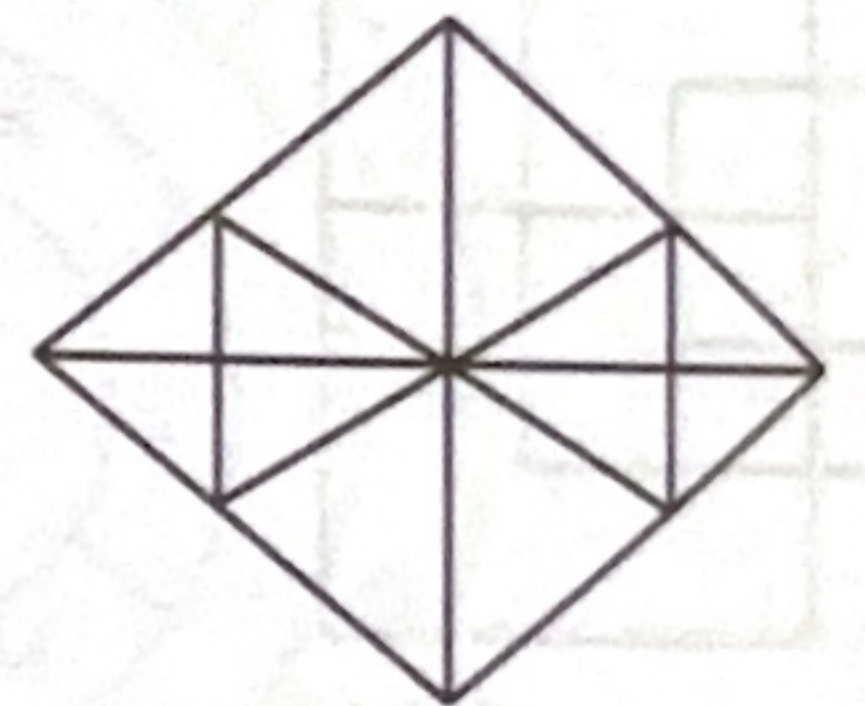
30.



- (a) 16
- (b) 18
- (c) 14
- (d) 15

[खरिदार BOST 2079/5/25]

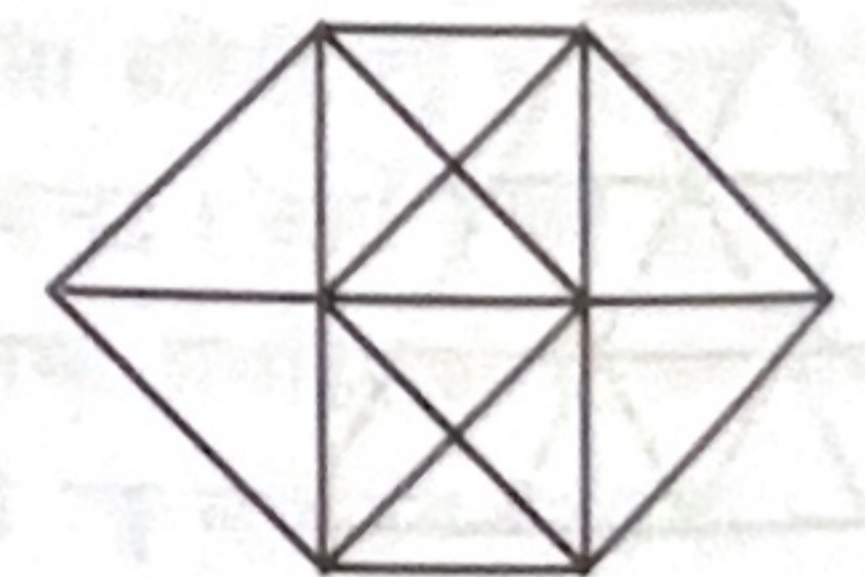
31.



- (a) 16
- (b) 22
- (c) 28
- (d) 32

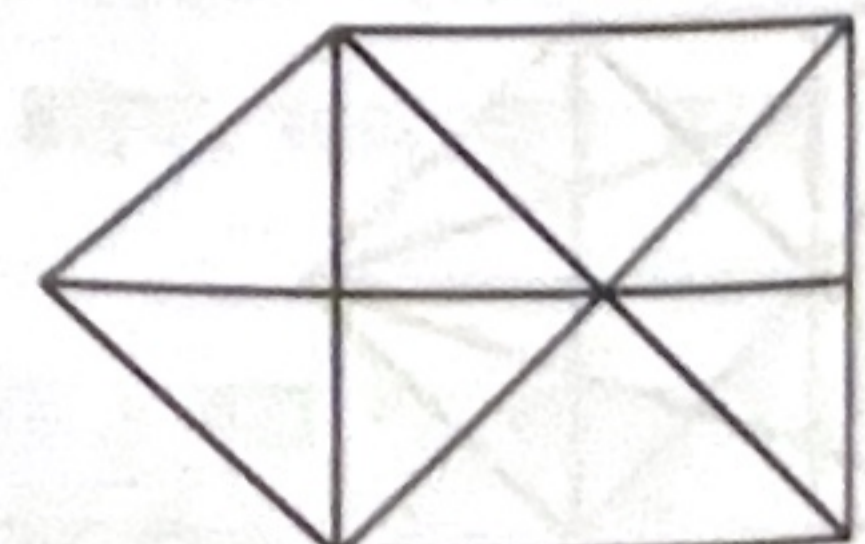
[नायब सुब्बा 2079/1/3]

32.

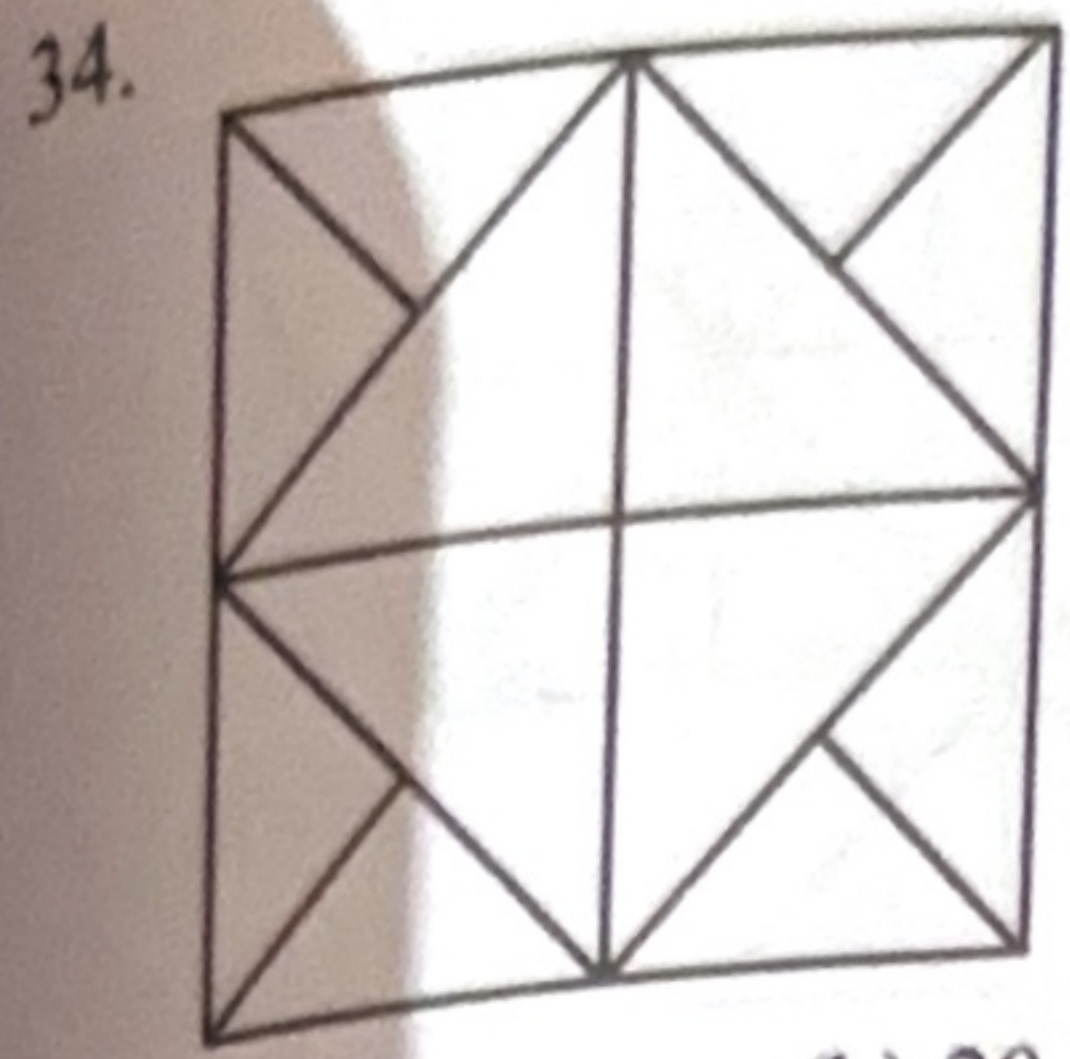


- (a) 20
- (b) 24
- (c) 28
- (d) 32

33.

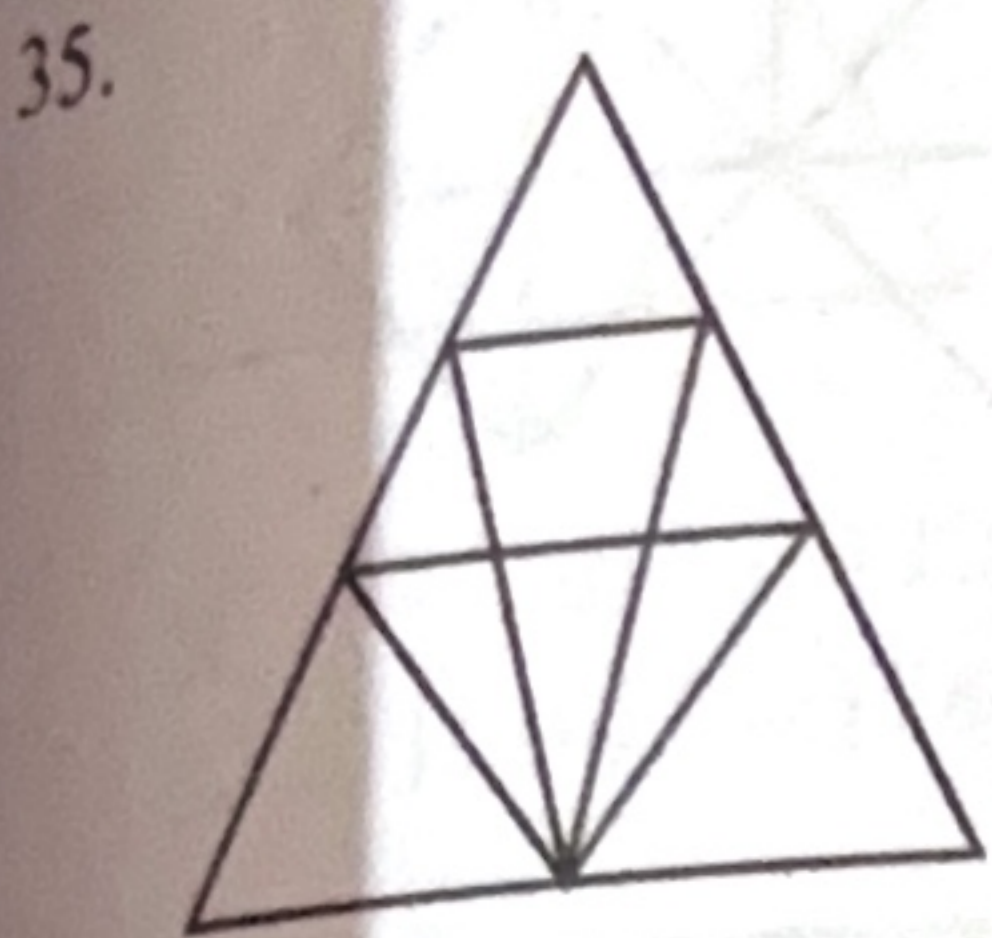


- (a) 15
- (b) 16
- (c) 17
- (d) 18



- (a) 16 (b) 20
(c) 12 (d) 22

[वायु सेवा निगम अधिकृत 2079]



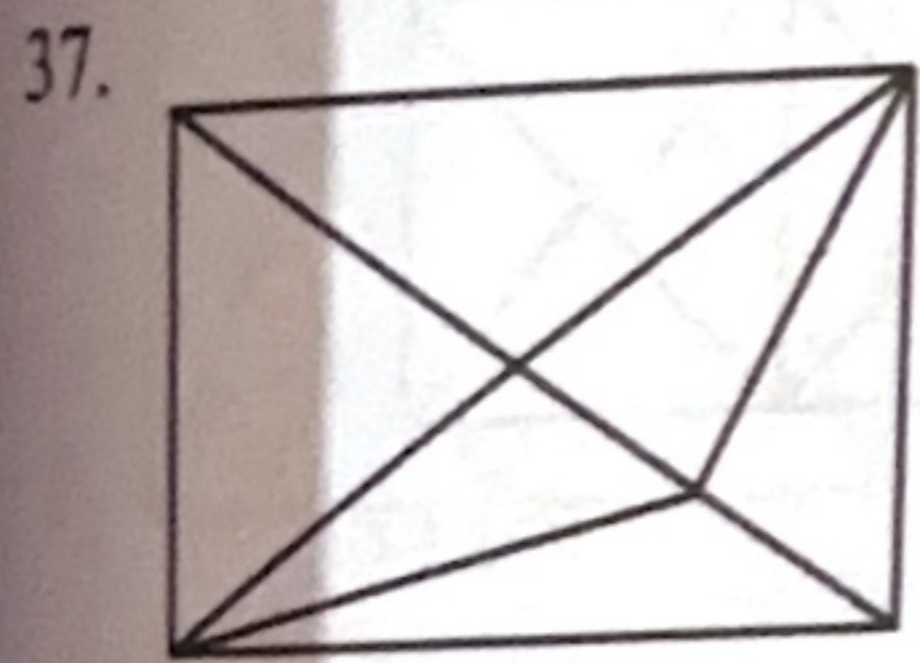
- (a) 12 (b) 18
(c) 22 (d) 26

[खरिदार BOST 2075]

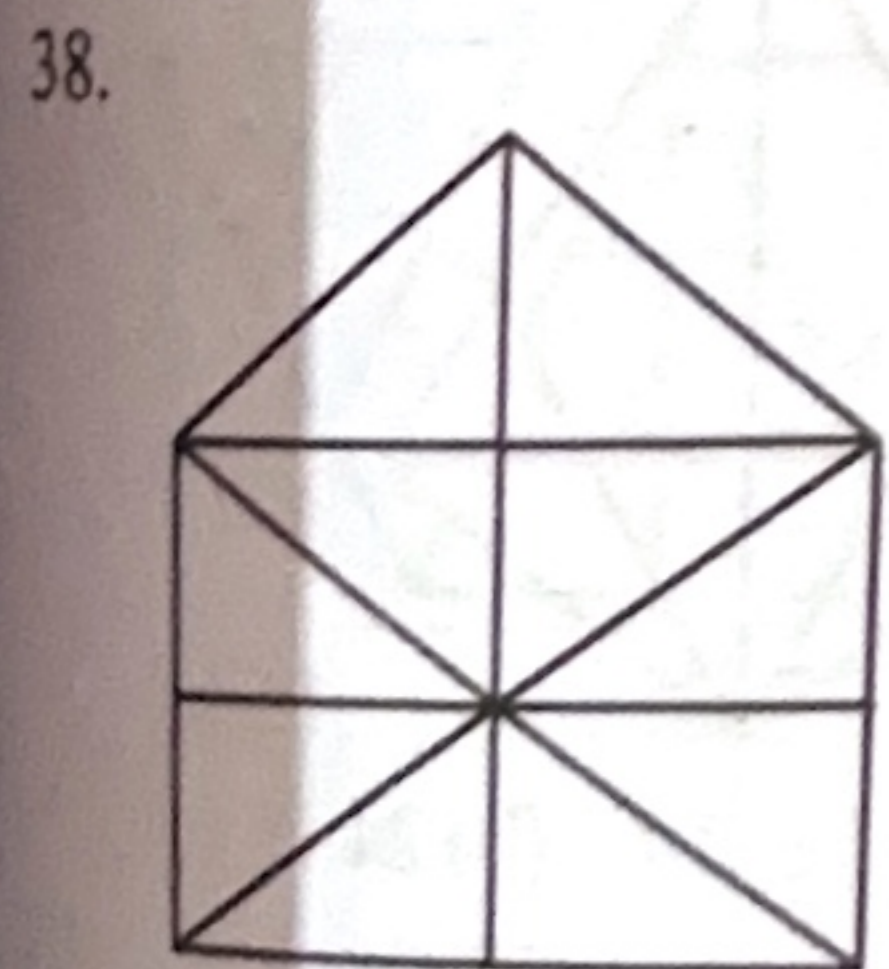


- (a) 8 (b) 10
(c) 12 (d) 14

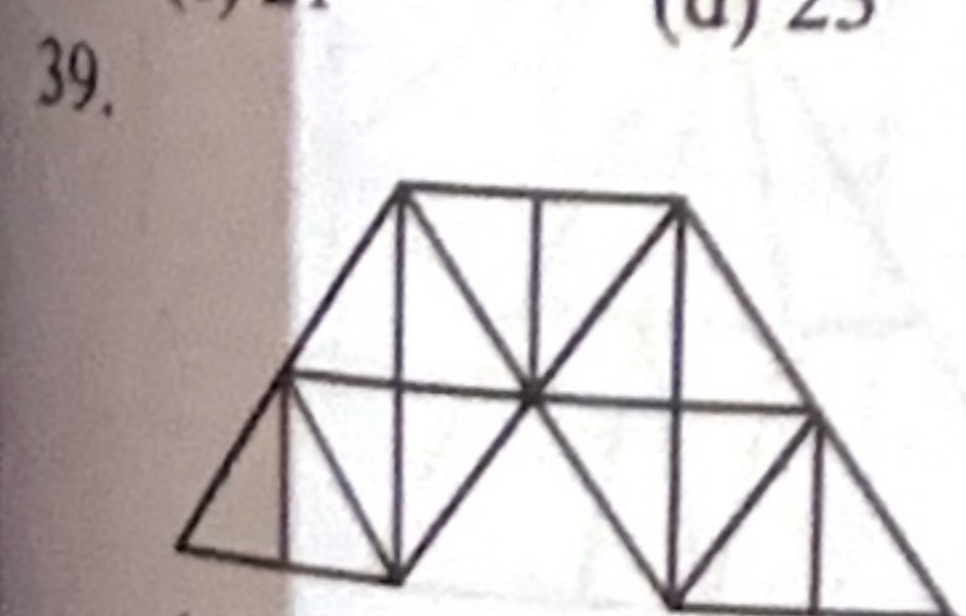
[नायब सुब्बा 2069]



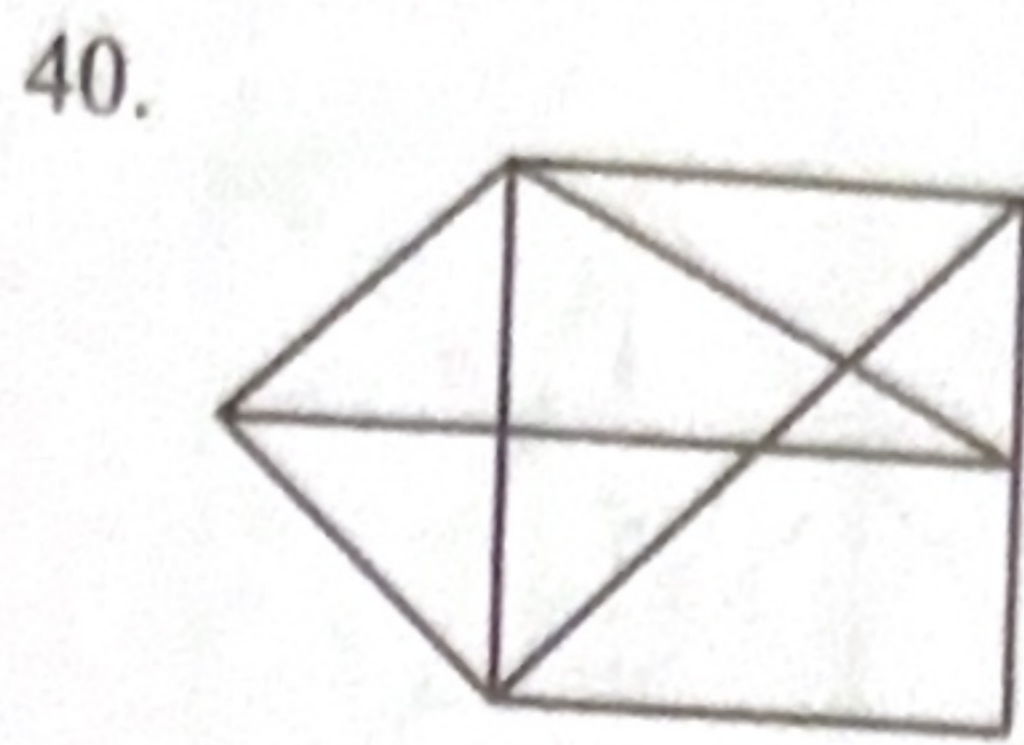
- (a) 11 (b) 13
(c) 15 (d) 17



- (a) 10 (b) 19
(c) 21 (d) 23

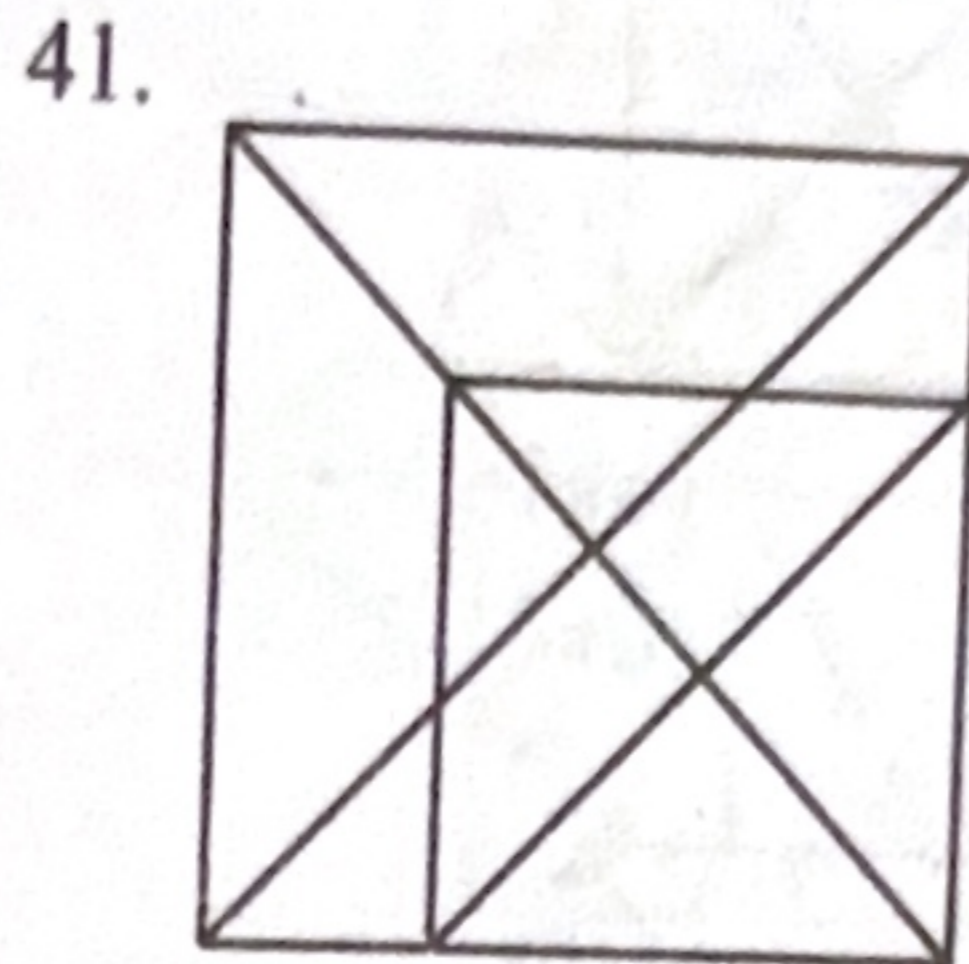


- (a) 23 (b) 27
(c) 29 (d) 31

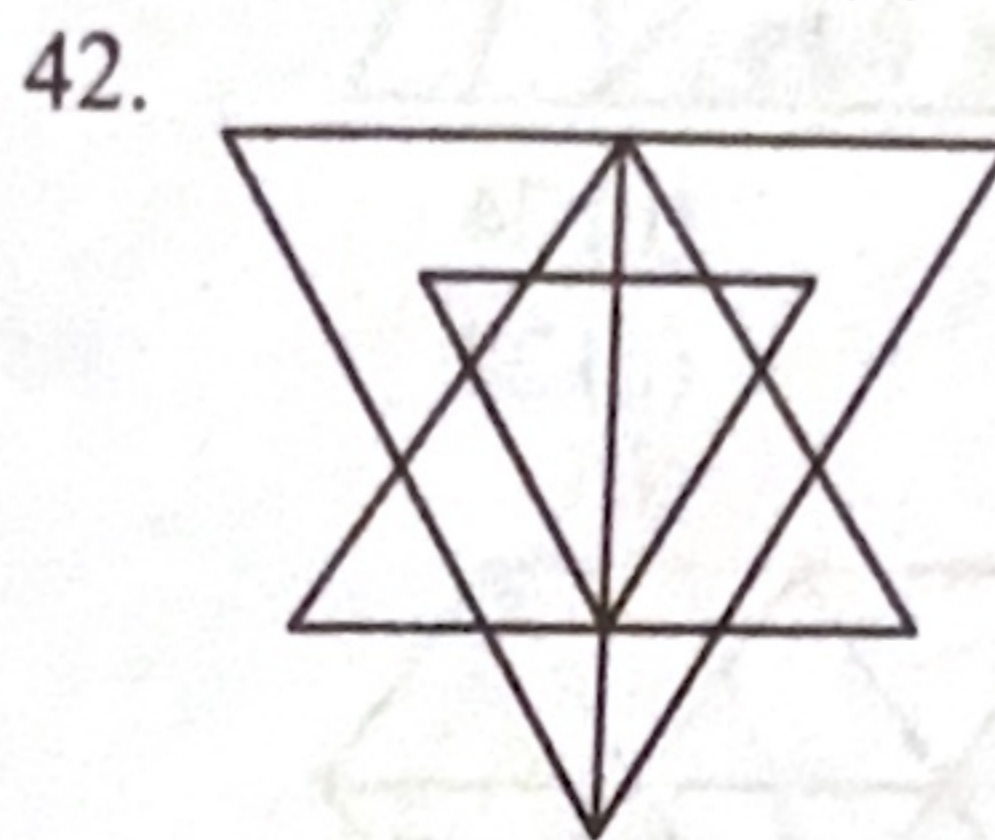


- (a) 12 (b) 13
(c) 14 (d) 15

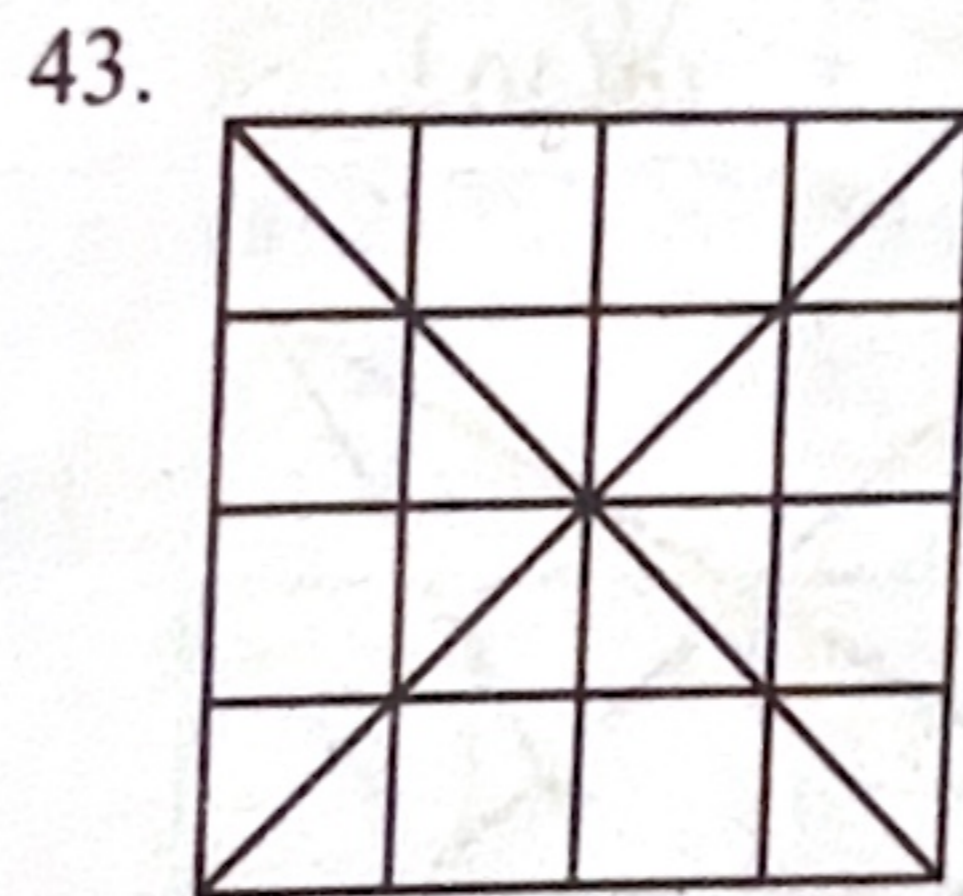
[लुम्बिनी प्रदेश, महिला विकास
निरीक्षक चौथो तह 2080/3/9]



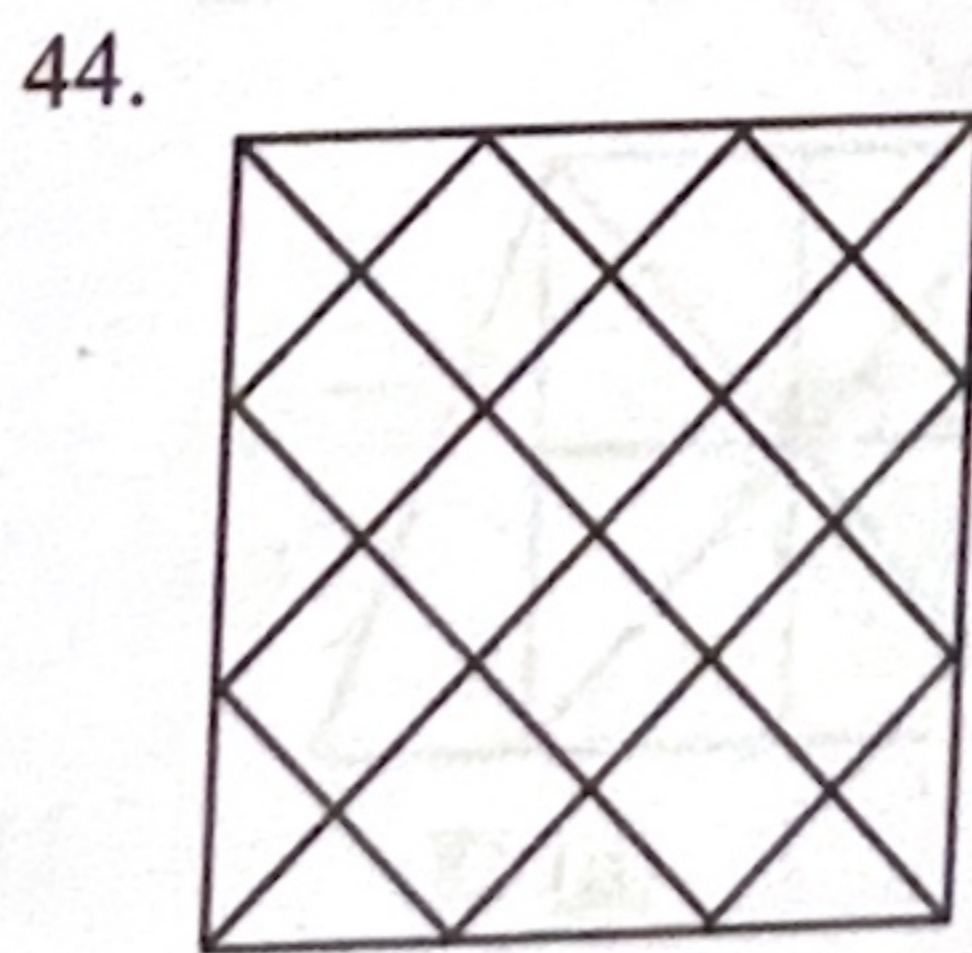
- (a) 16 (b) 18
(c) 19 (d) 21



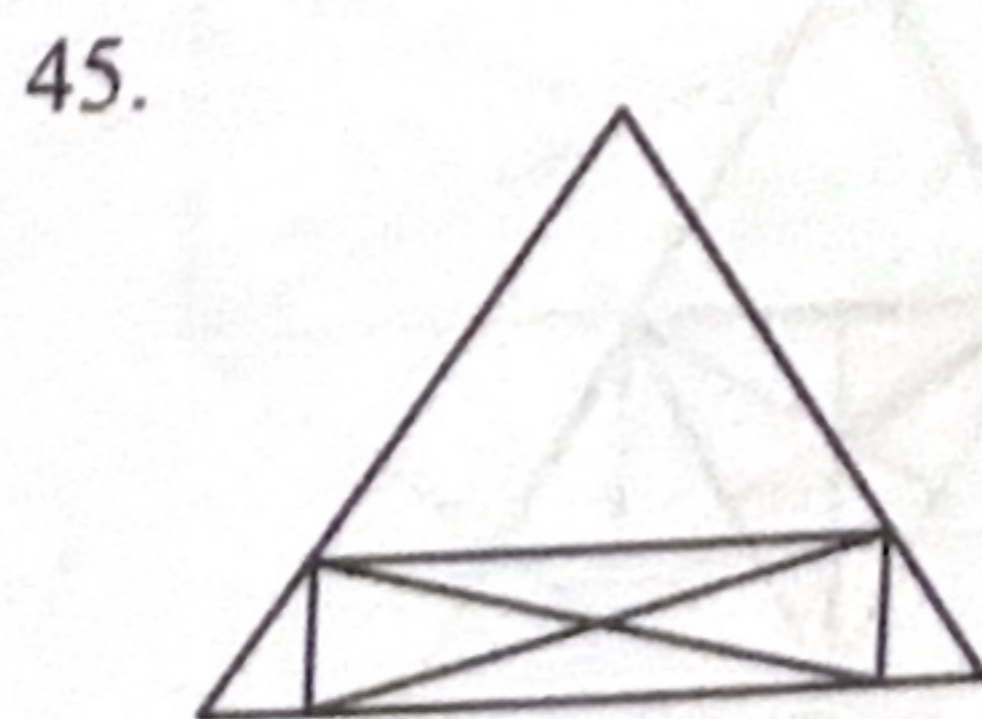
- (a) 27 (b) 25
(c) 23 (d) 21



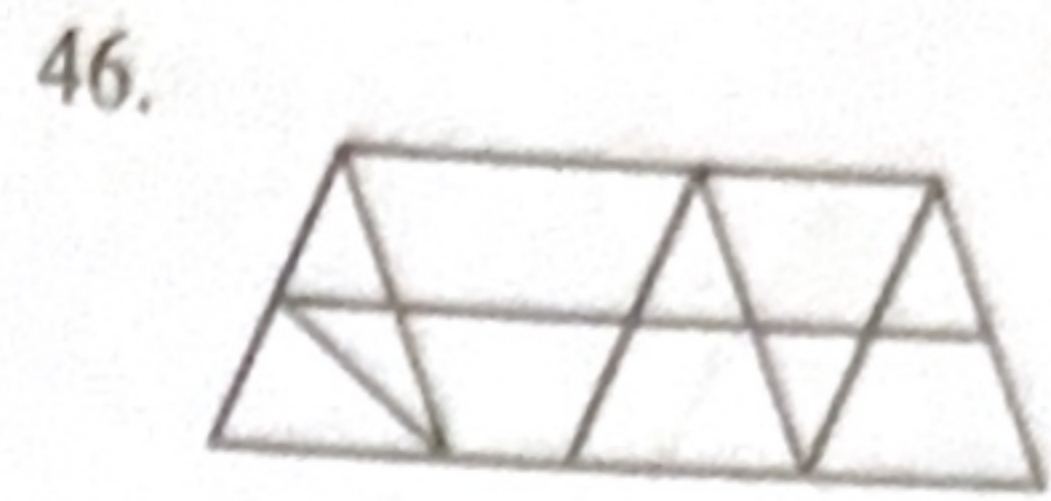
- (a) 36 (b) 40
(c) 44 (d) 48



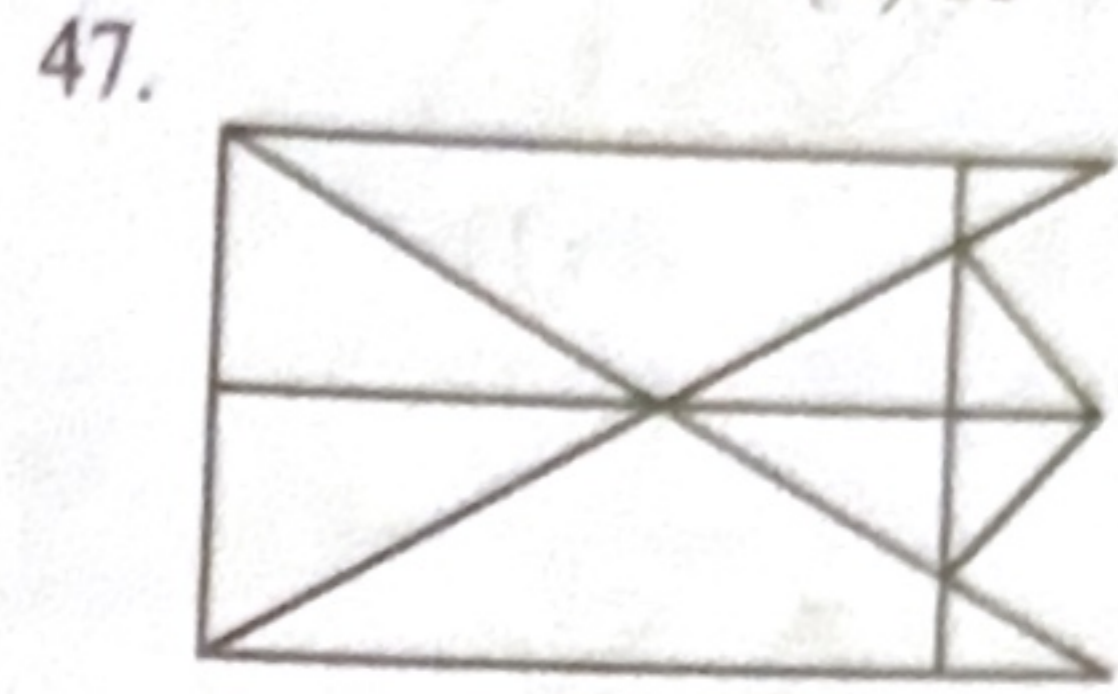
- (a) 28 (b) 32
(c) 36 (d) 40



- (a) 14 (b) 10
(c) 12 (d) 8

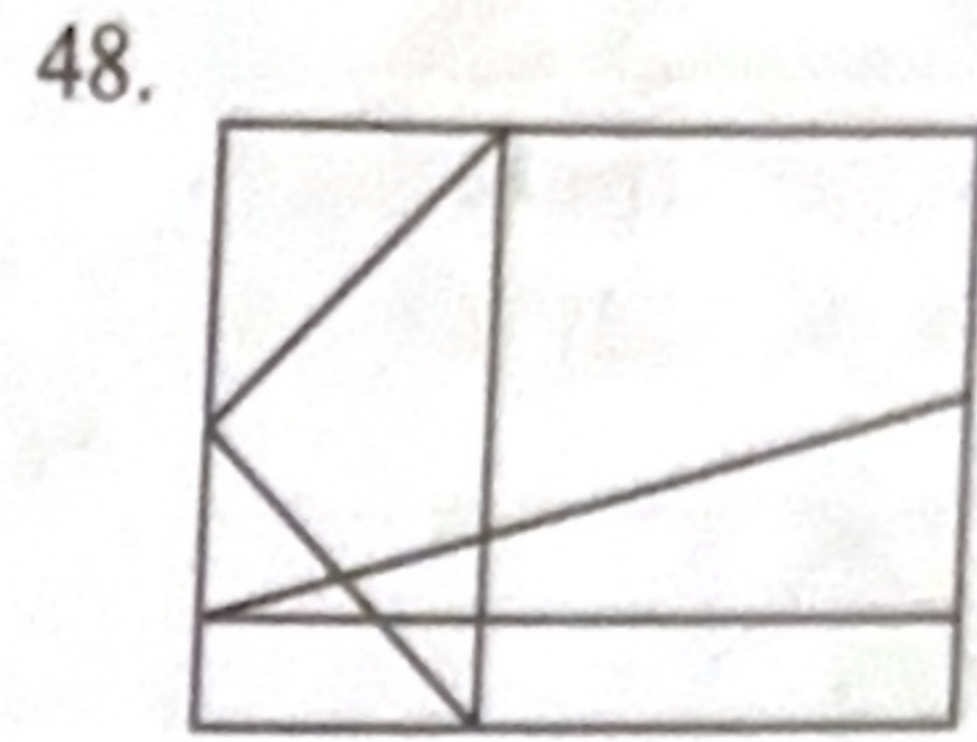


- (a) 7 (b) 8
(c) 9 (d) 11

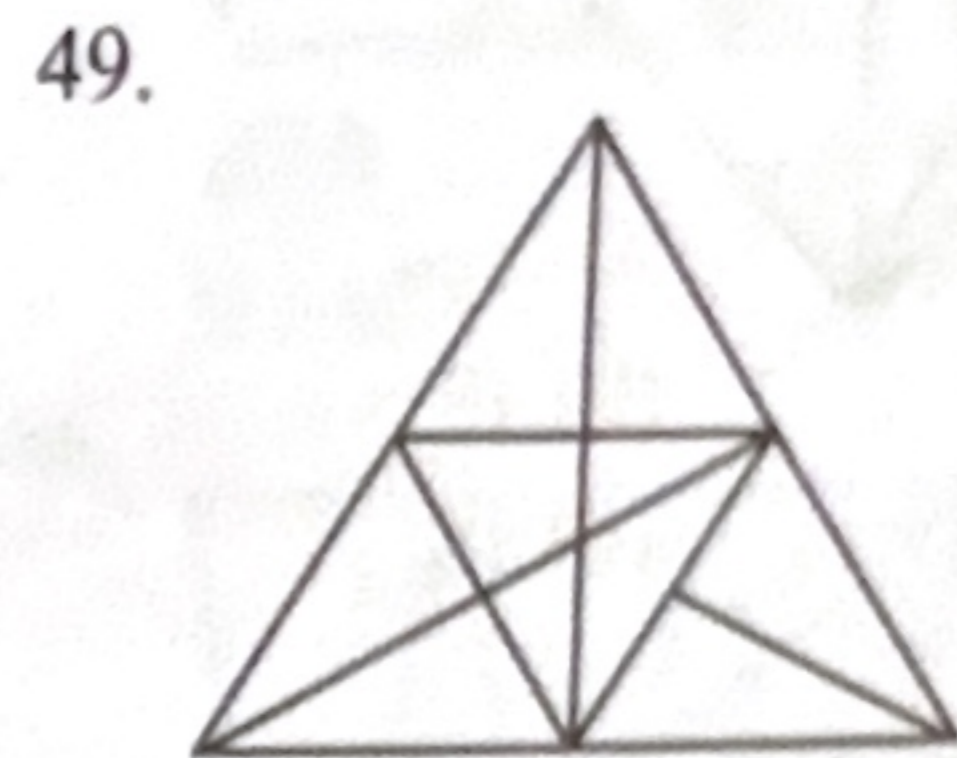


- (a) 19 (b) 17
(c) 14 (d) 15

[लुम्बिनी प्रदेश प्रा.स.
2080/1/18]



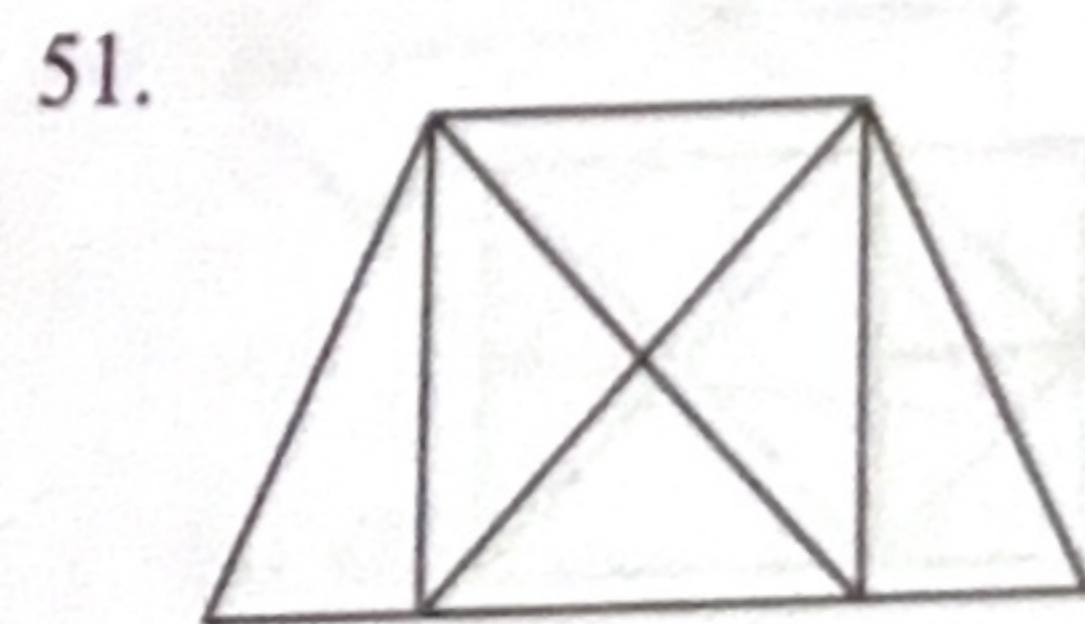
- (a) 11 (b) 9
(c) 10 (d) 12



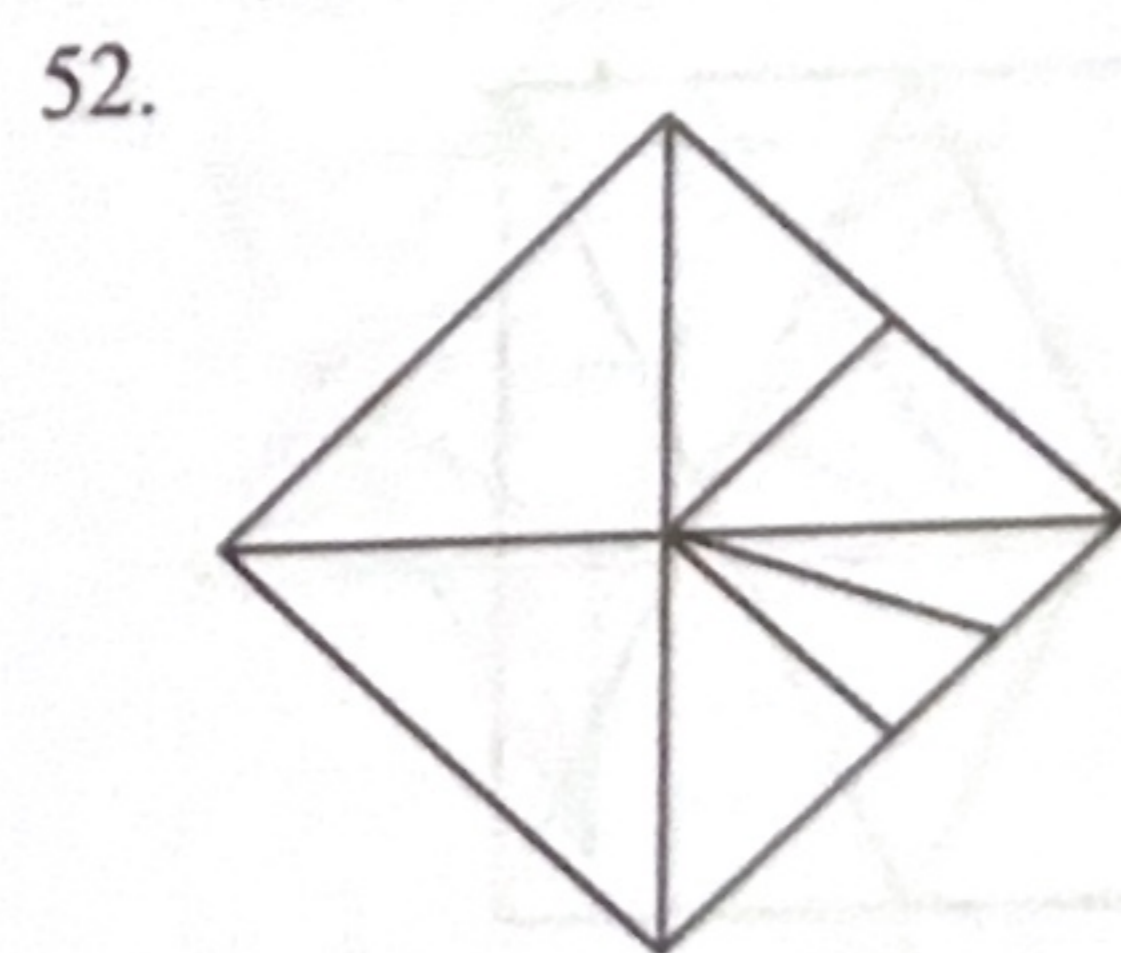
- (a) 24 (b) 30
(c) 28 (d) 29



- (a) 14 (b) 15
(c) 17 (d) 18

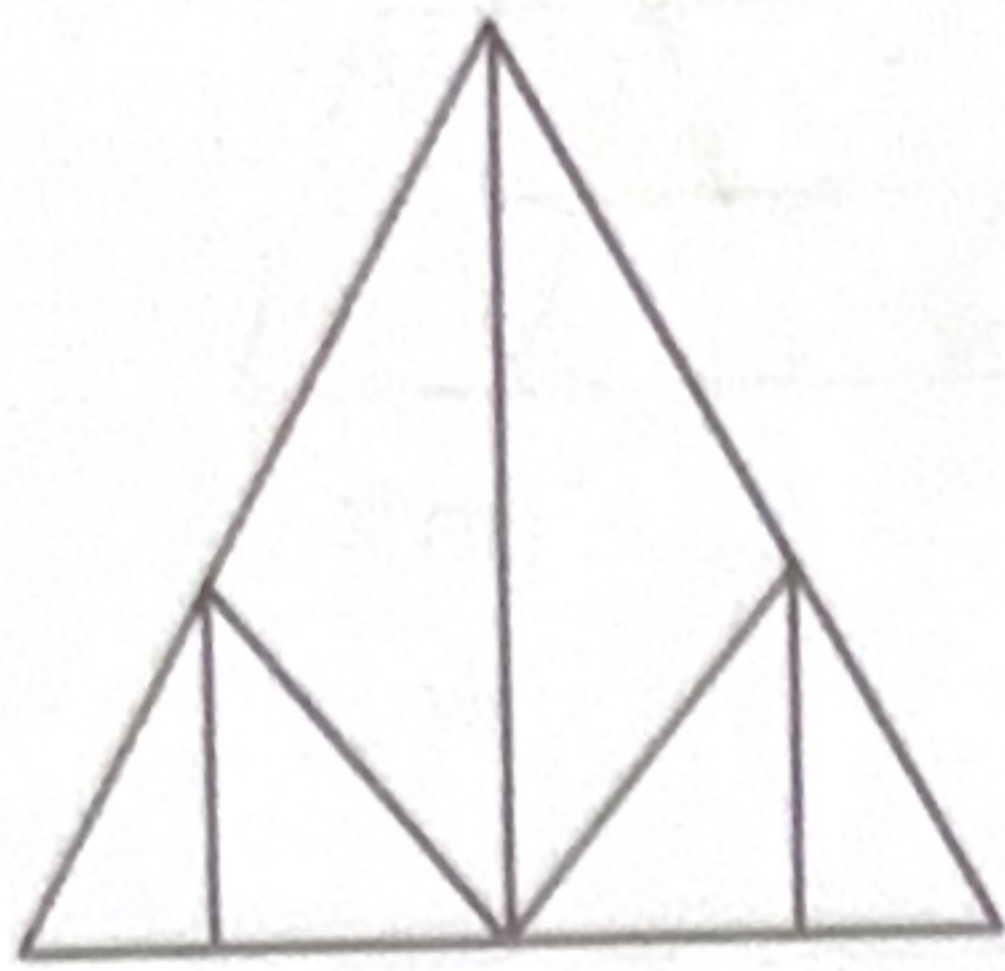


- (a) 8 (b) 10
(c) 12 (d) 14



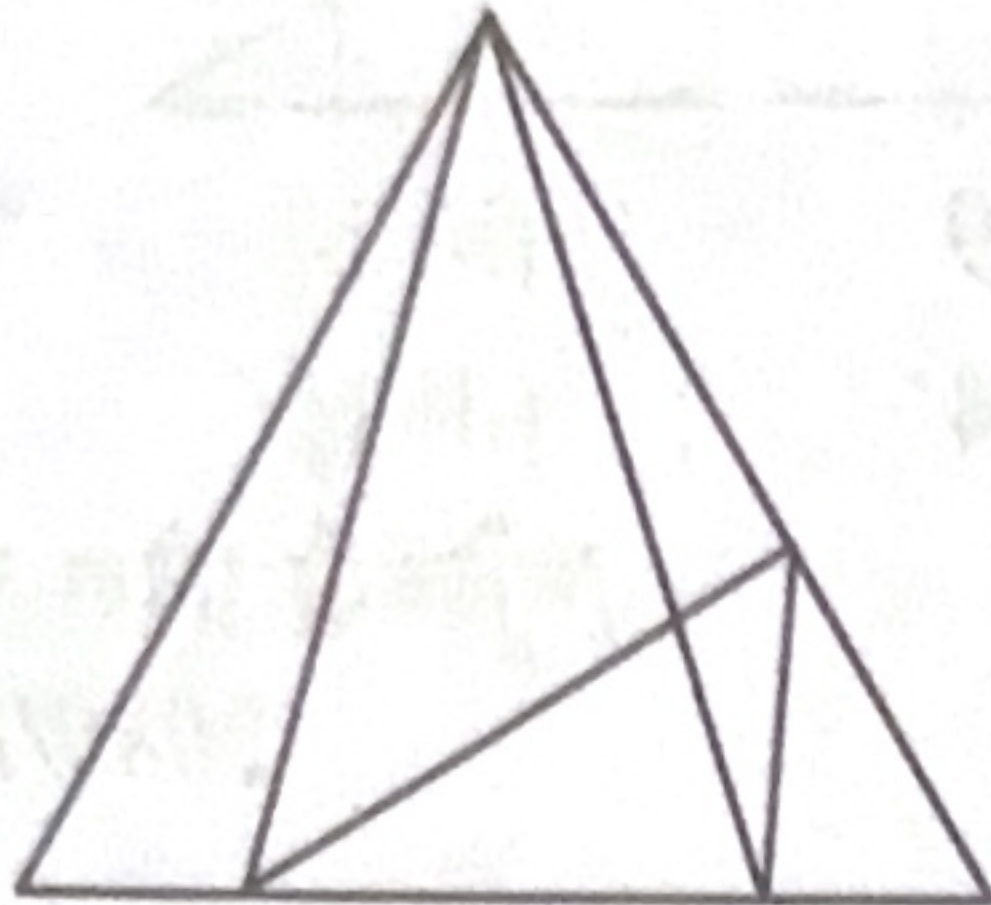
- (a) 14 (b) 15
(c) 16 (d) 19

53.



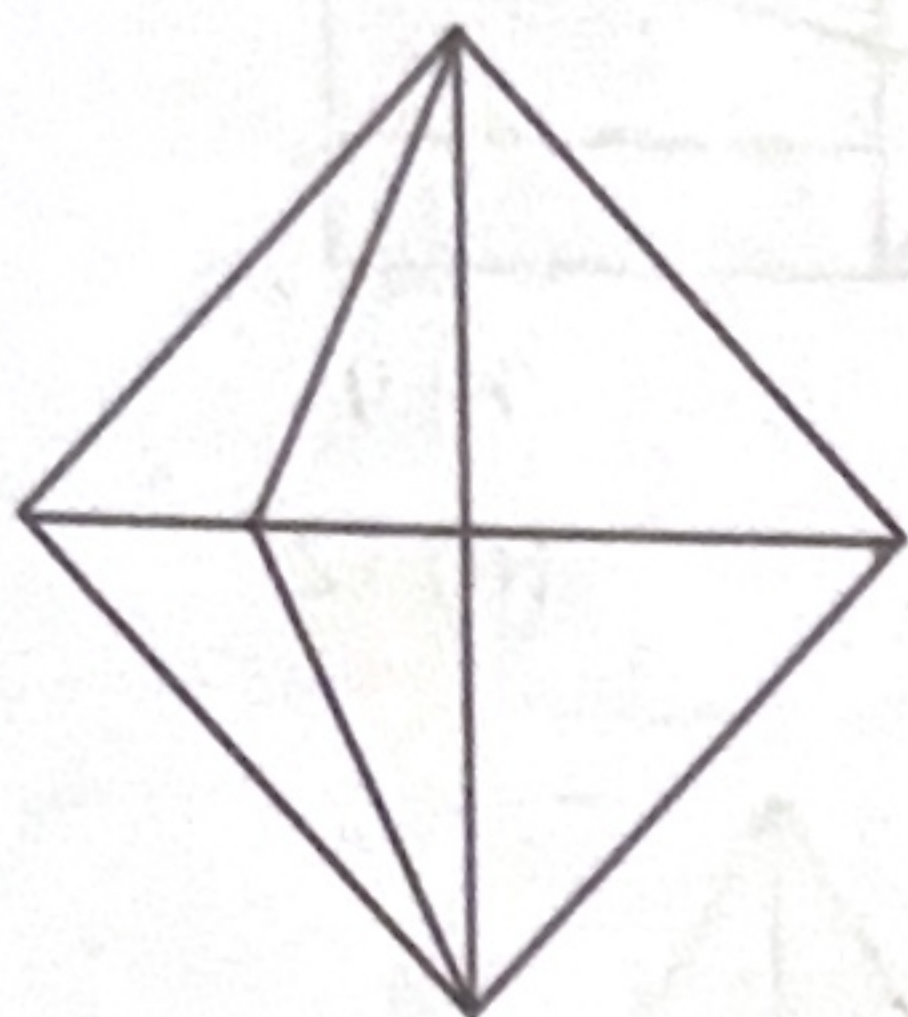
- (a) 10
- (b) 11
- (c) 12
- (d) 13

54.



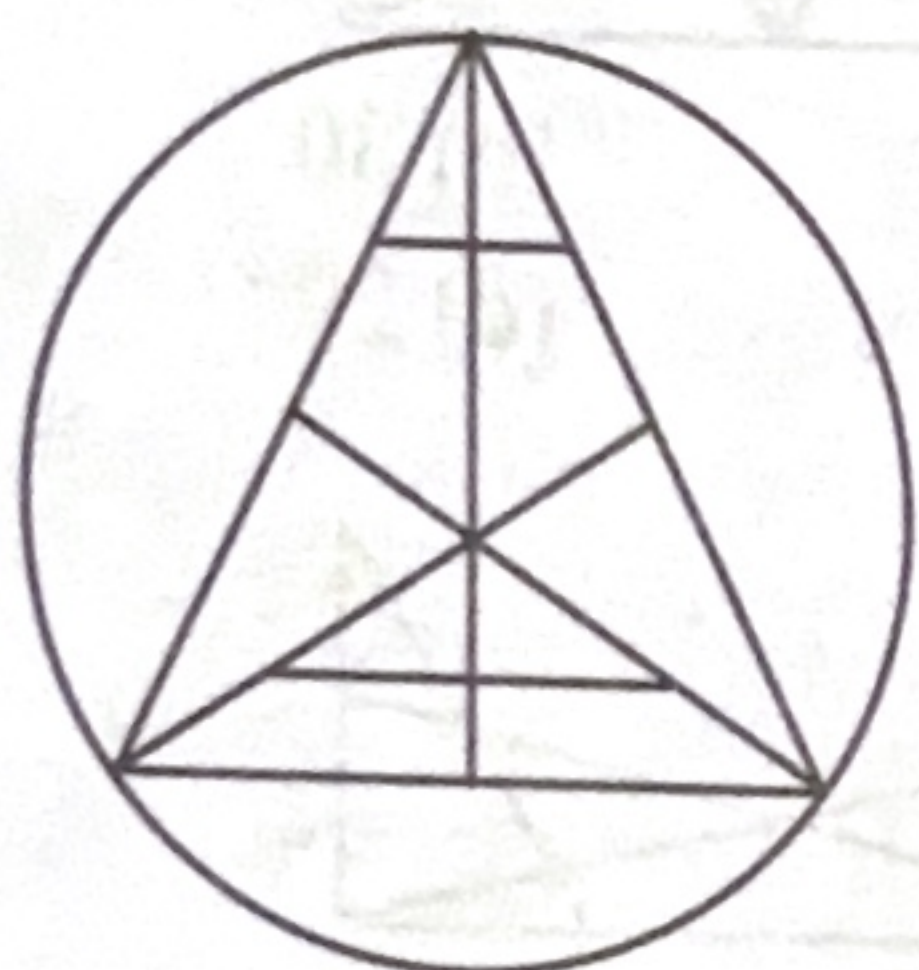
- (a) 13
- (b) 14
- (c) 15
- (d) 16

55.



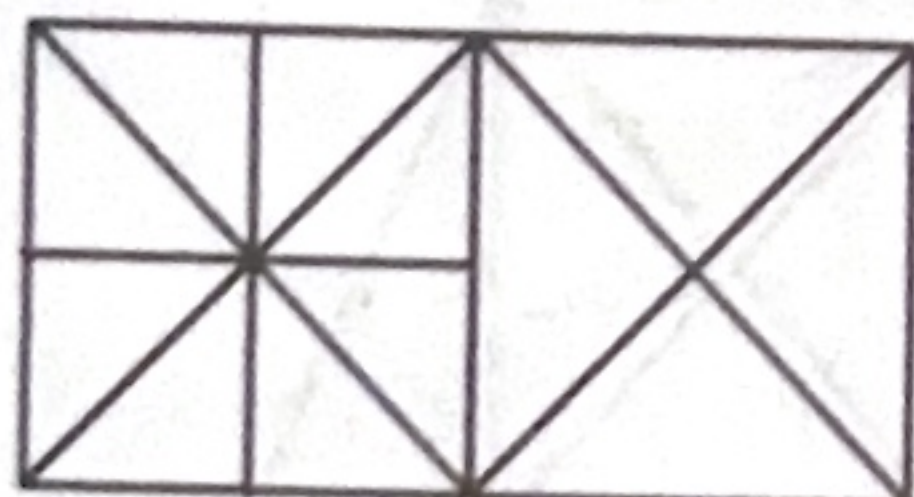
- (a) 12
- (b) 13
- (c) 15
- (d) 18

56.



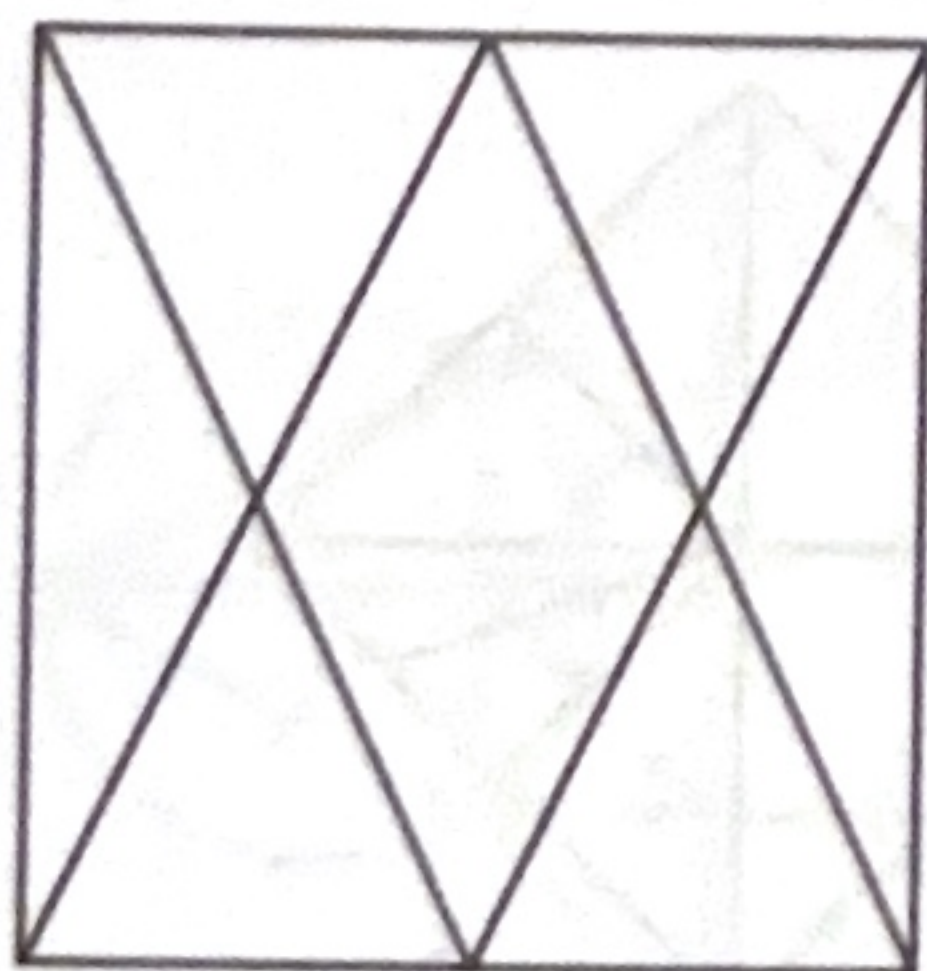
- (a) 22
- (b) 24
- (c) 26
- (d) 28

57.



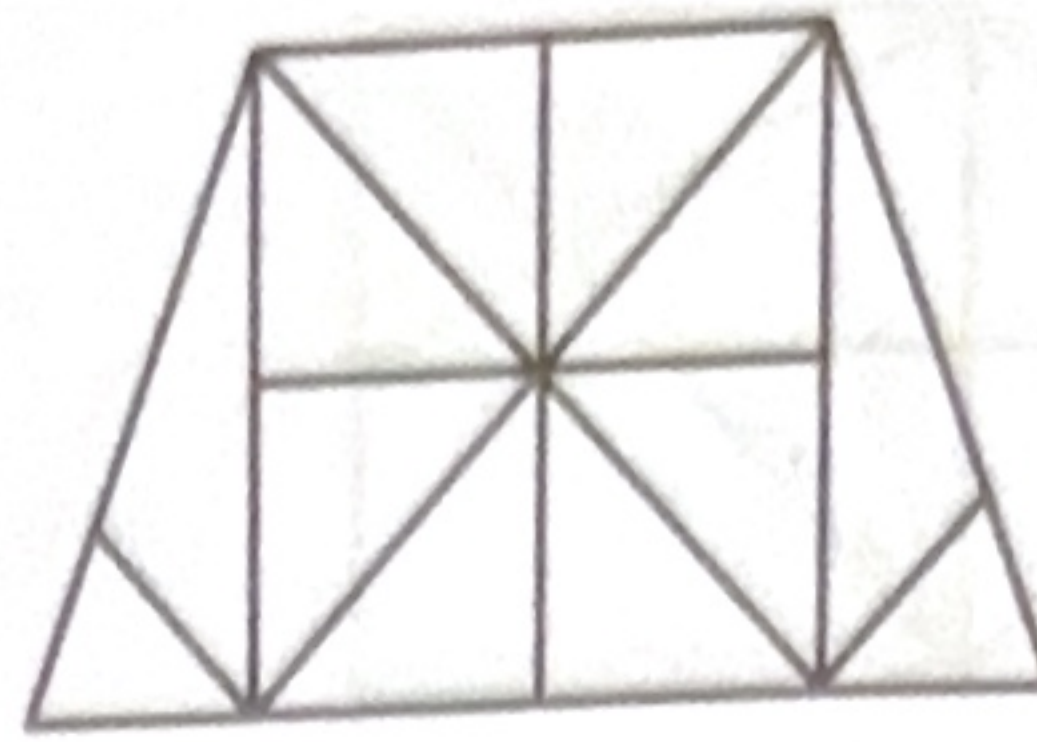
- (a) 24
- (b) 26
- (c) 28
- (d) 30

58.



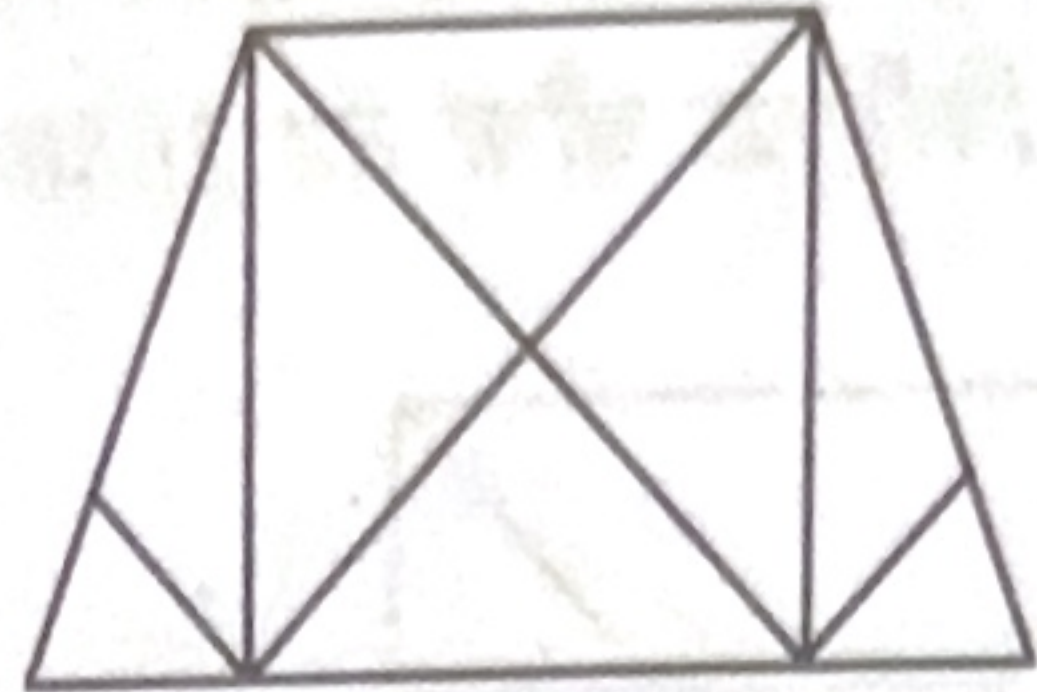
- (a) 10
- (b) 12
- (c) 14
- (d) 16

59.



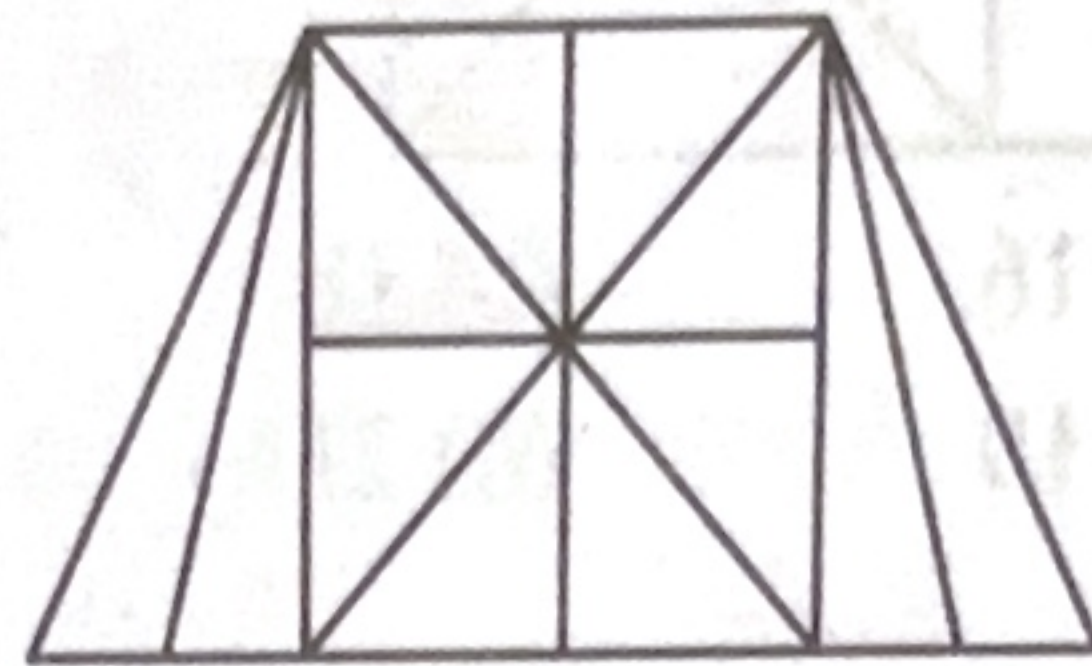
- (a) 18
- (b) 20
- (c) 24
- (d) 28

60.



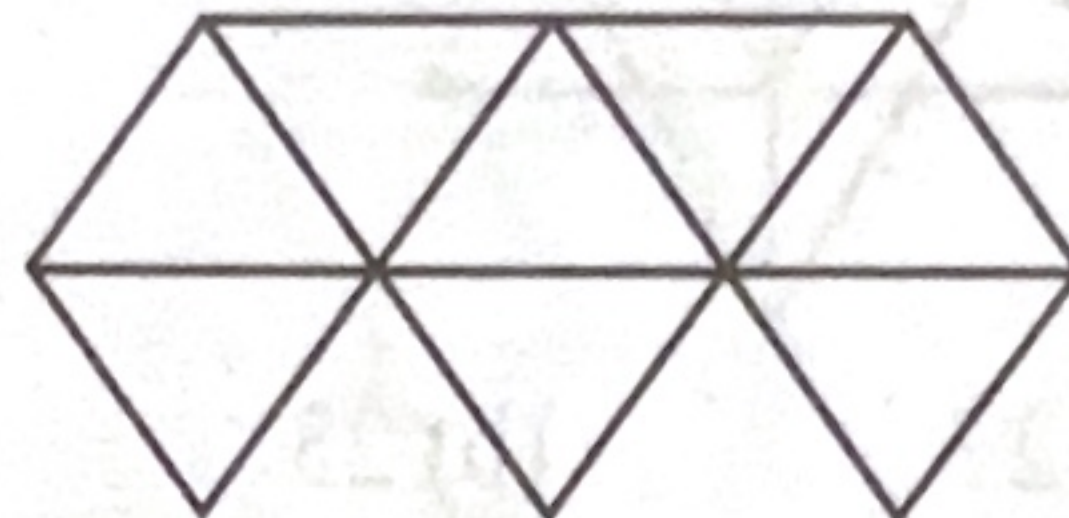
- (a) 14
- (b) 16
- (c) 20
- (d) 21

61.



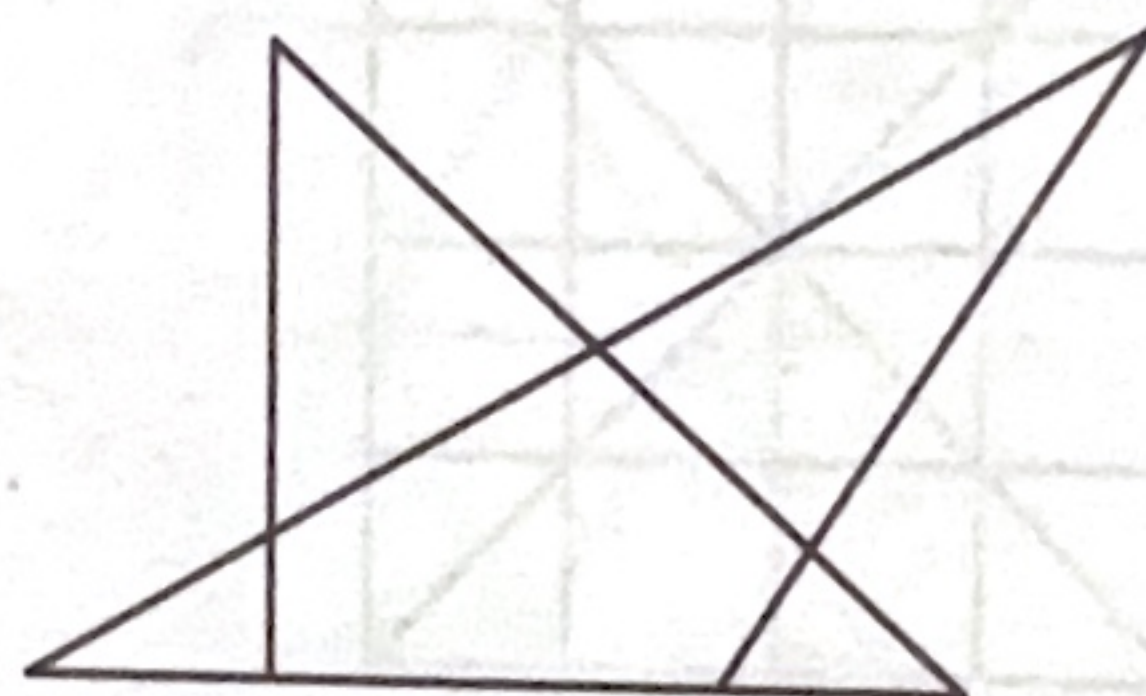
- (a) 18
- (b) 24
- (c) 26
- (d) 28

62.



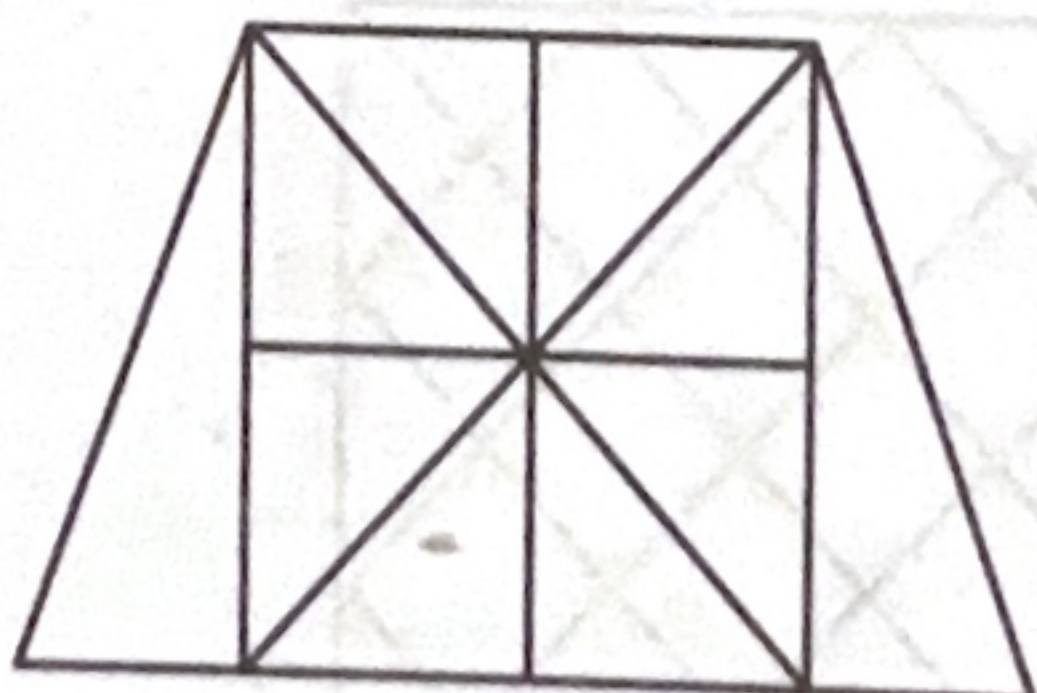
- (a) 7
- (b) 8
- (c) 9
- (d) 10

63.



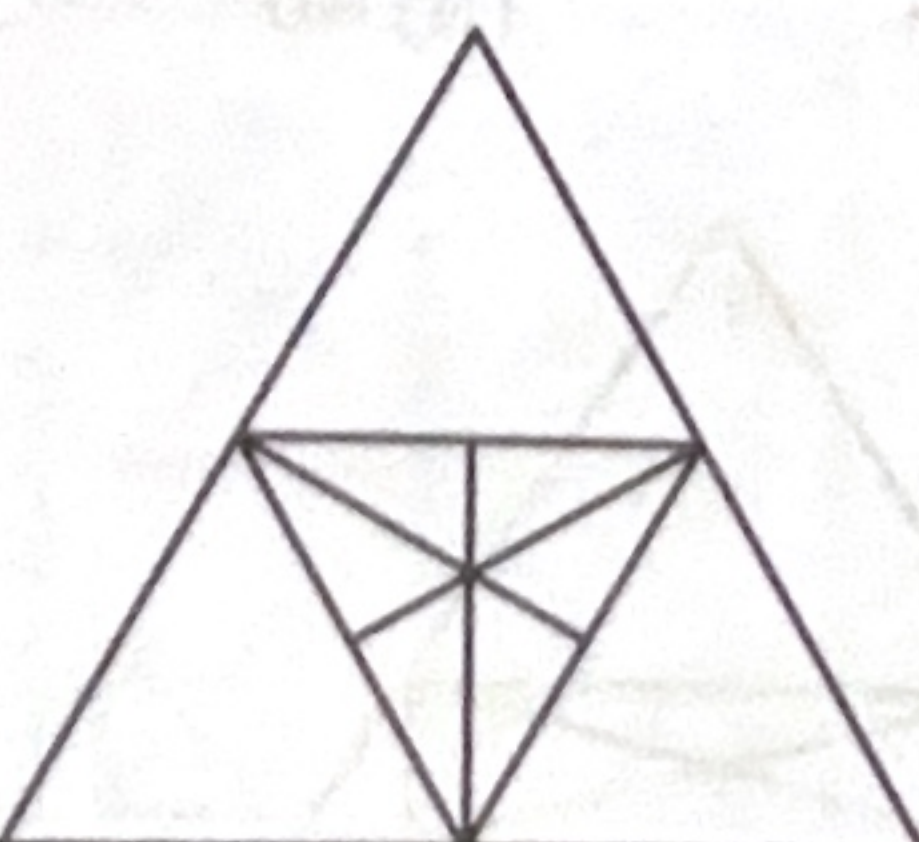
- (a) 5
- (b) 7
- (c) 8
- (d) 10

64.



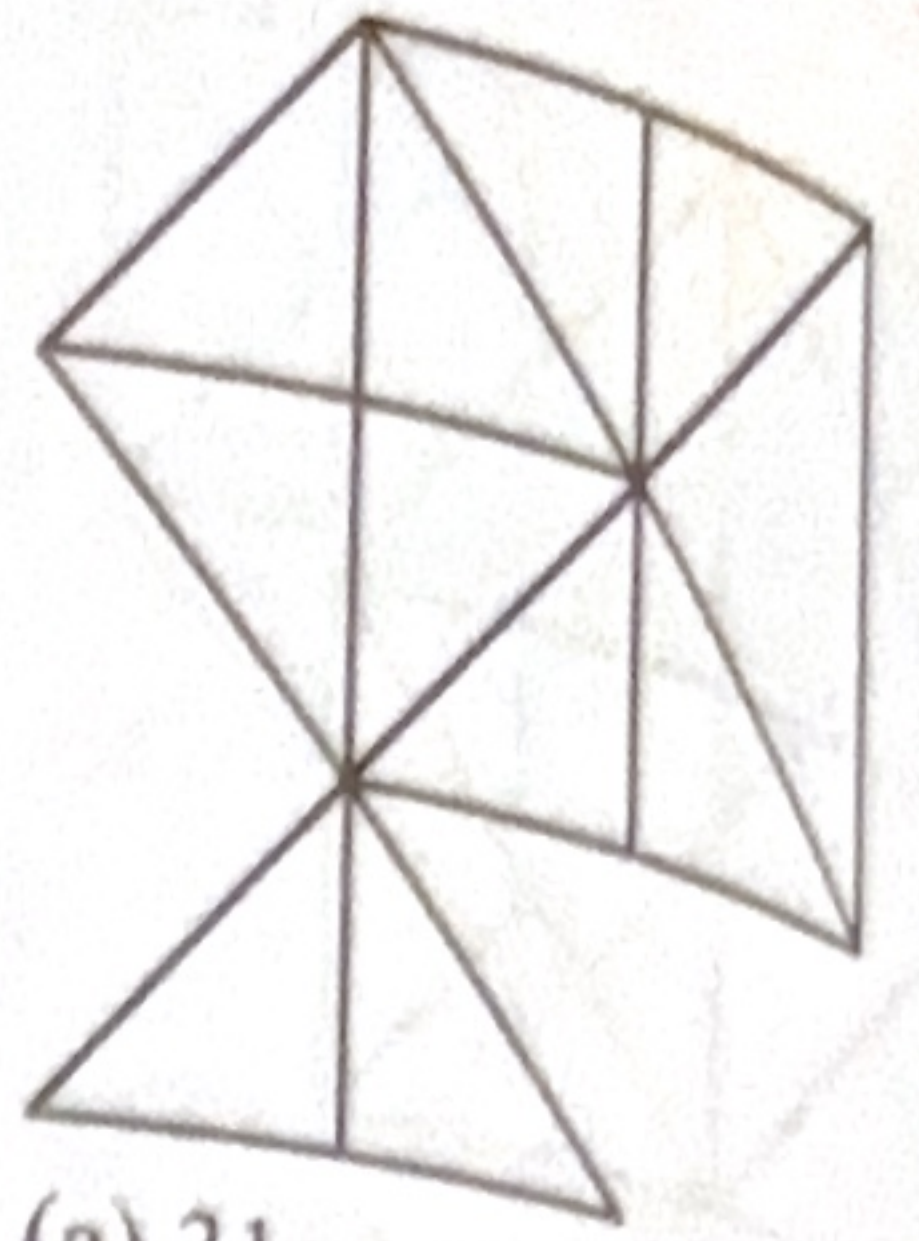
- (a) 16
- (b) 18
- (c) 20
- (d) 24

65.



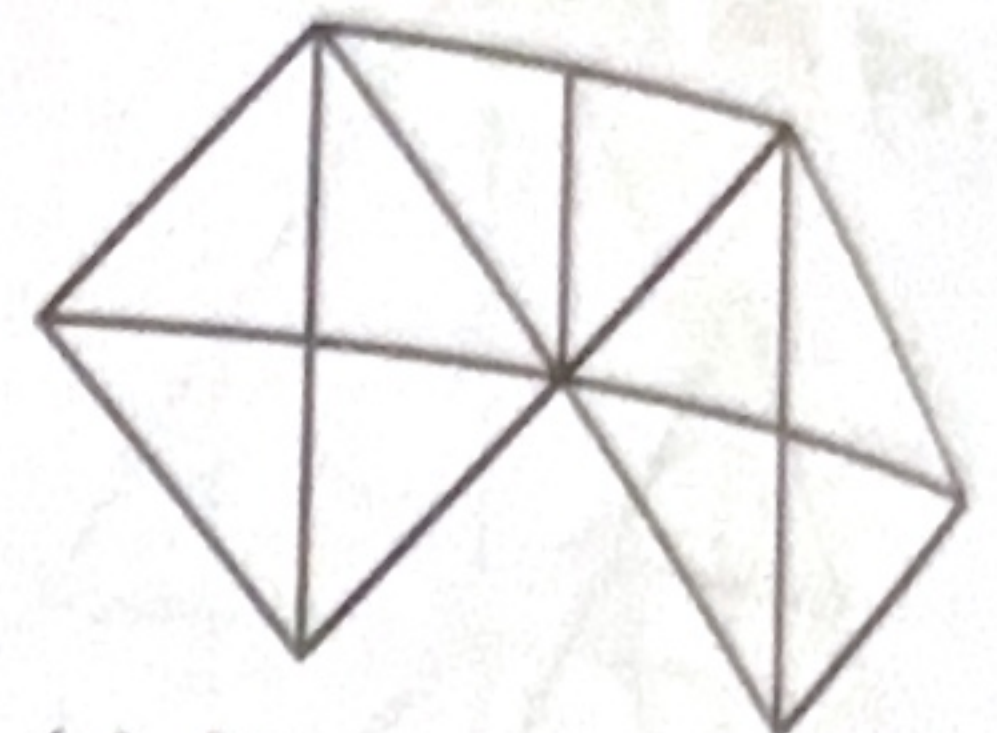
- (a) 16
- (b) 18
- (c) 19
- (d) 20

66.



- (a) 31
- (b) 26
- (c) 23
- (d) 22

67.



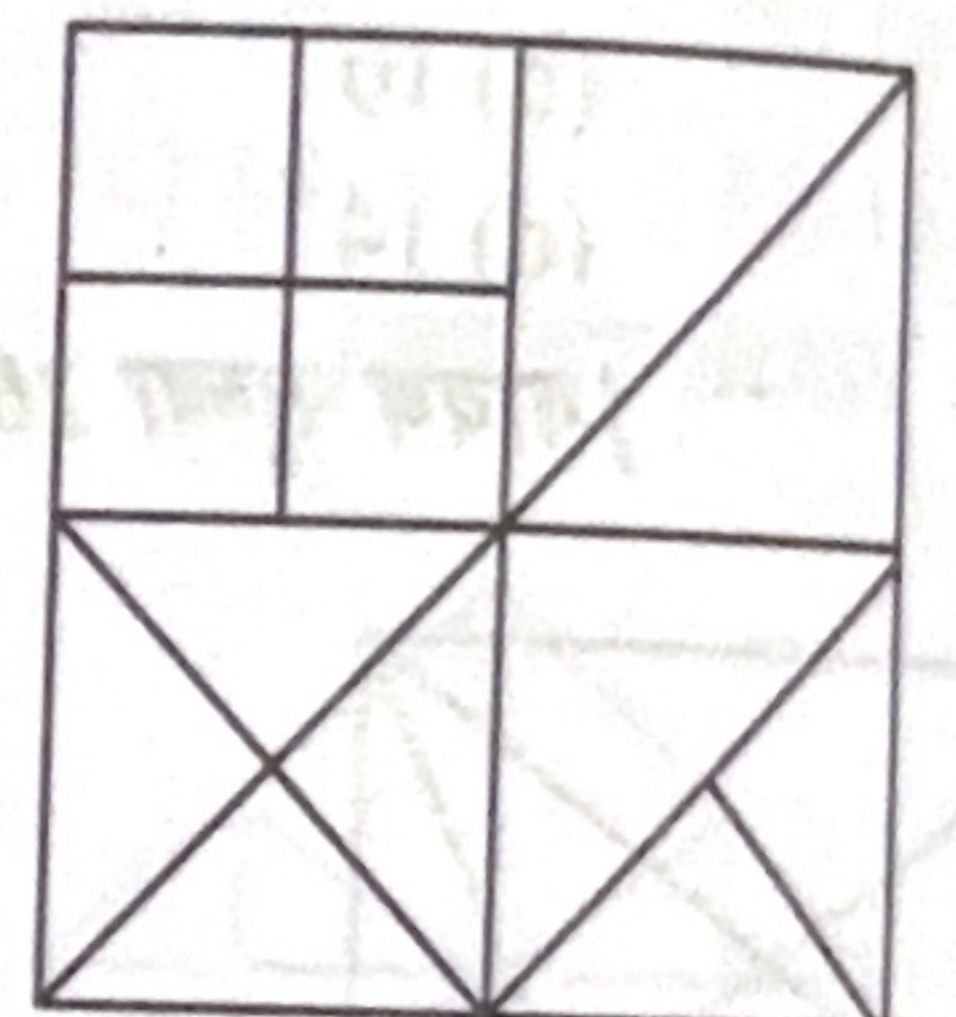
- (a) 19
- (b) 24
- (c) 20
- (d) 21

68.



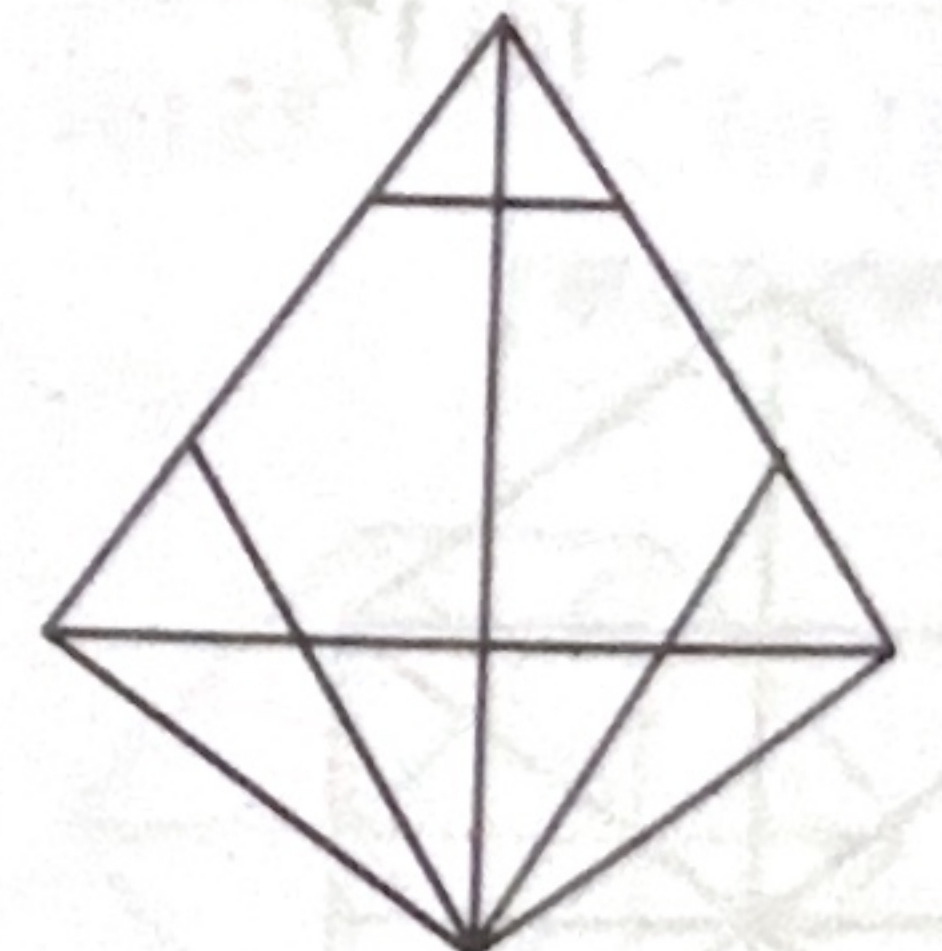
- (a) 14
- (b) 12
- (c) 16
- (d) 20

69.



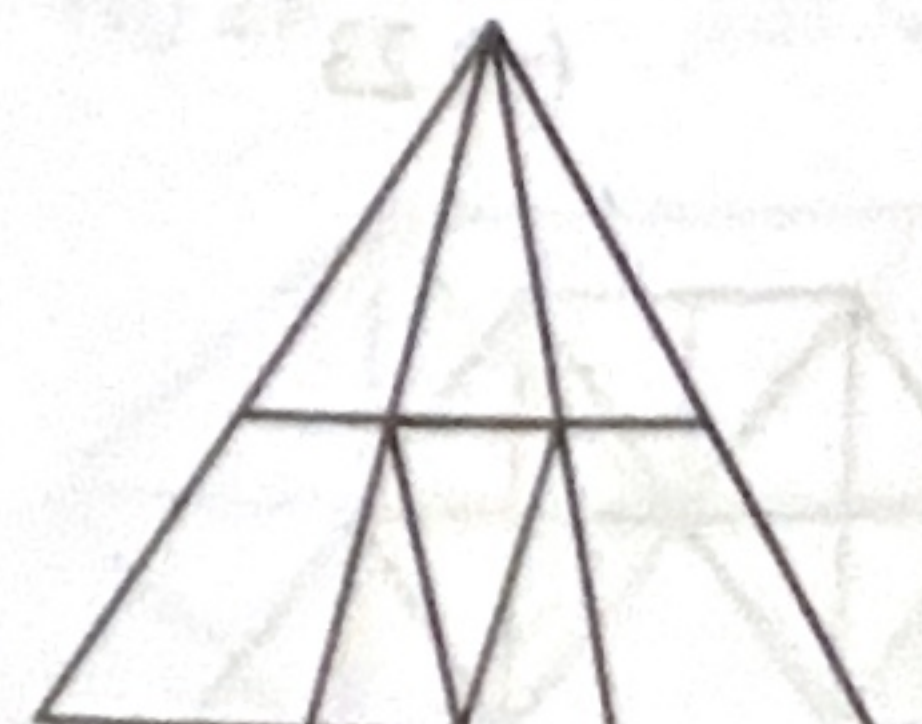
- (a) 20
- (b) 17
- (c) 16
- (d) 14

70.

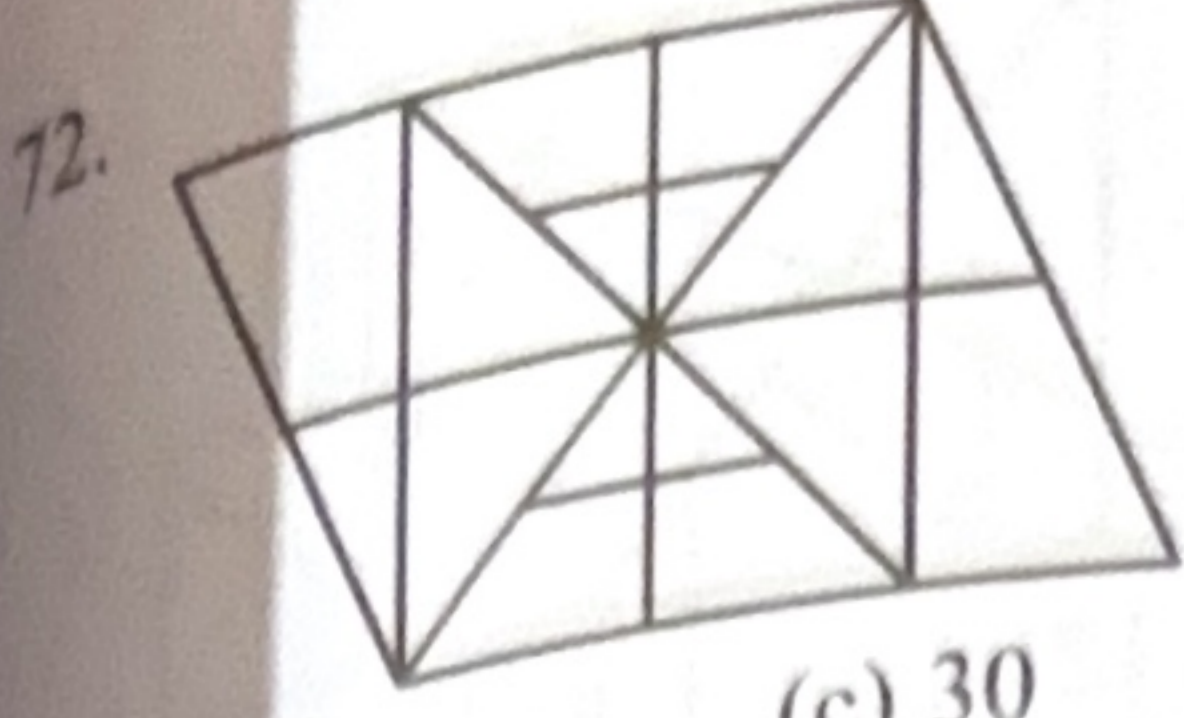


- (a) 30
- (b) 24
- (c) 26
- (d) 28

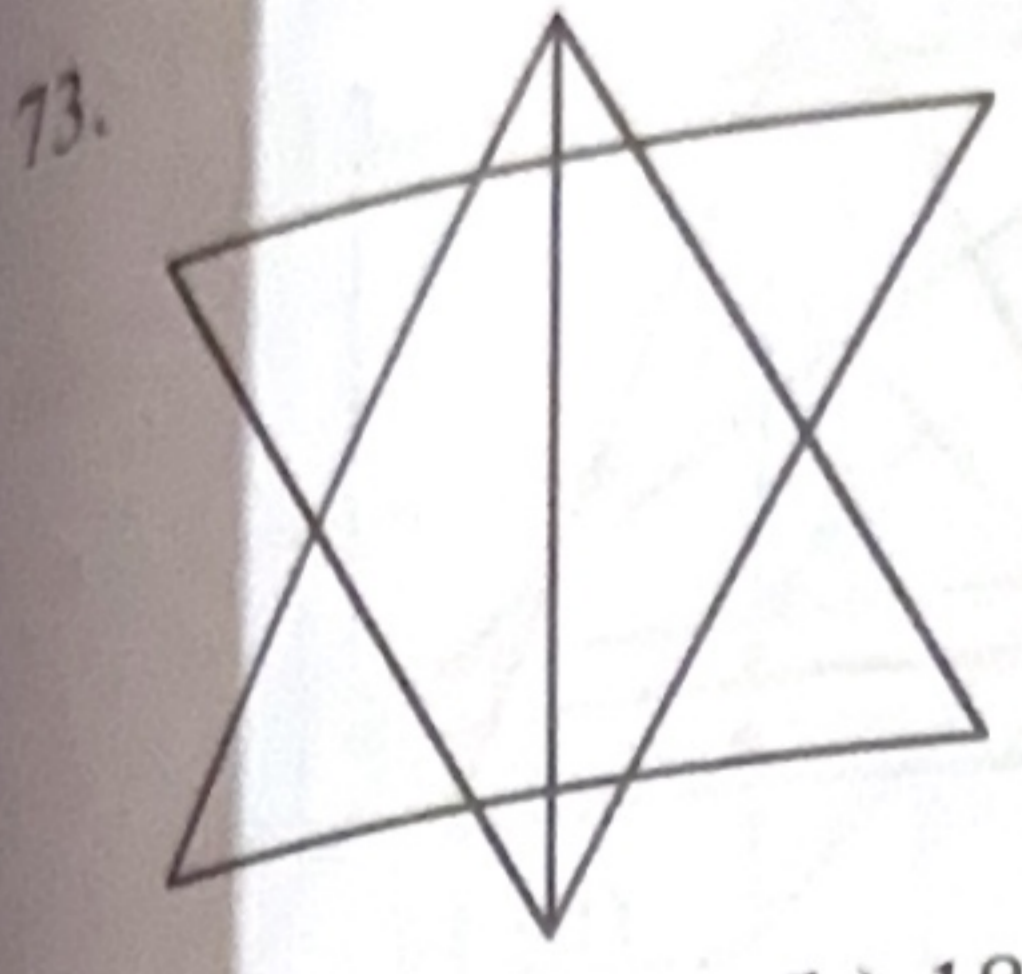
71.



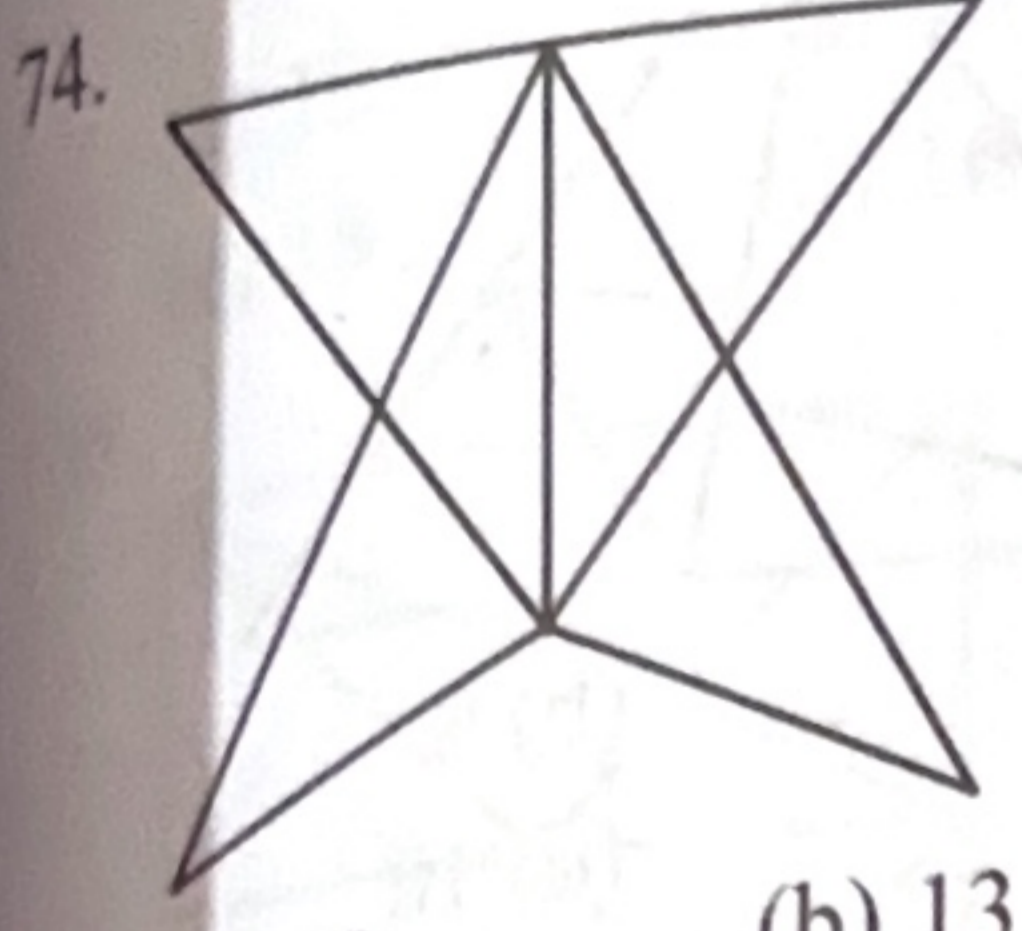
- (a) 14
- (b) 13
- (c) 17
- (d) 15



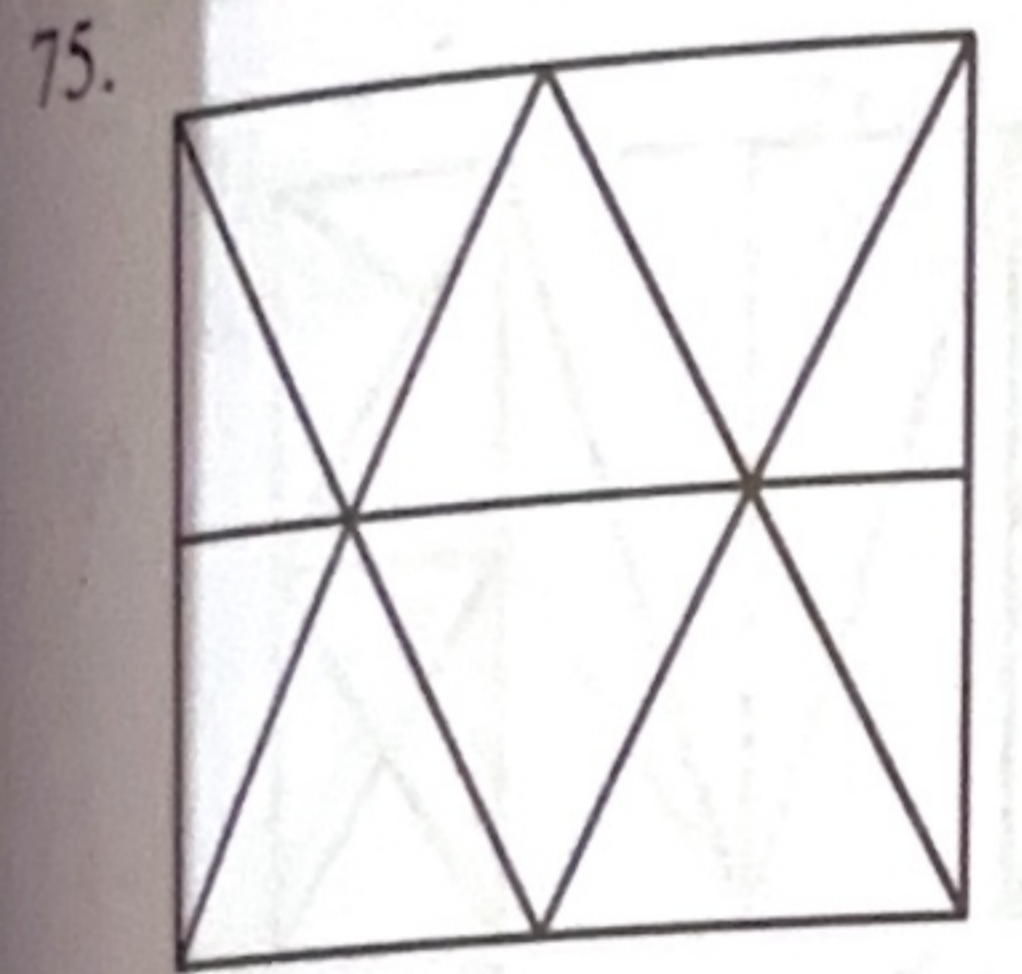
- (a) 16
- (c) 32
- (b) 30
- (d) 22



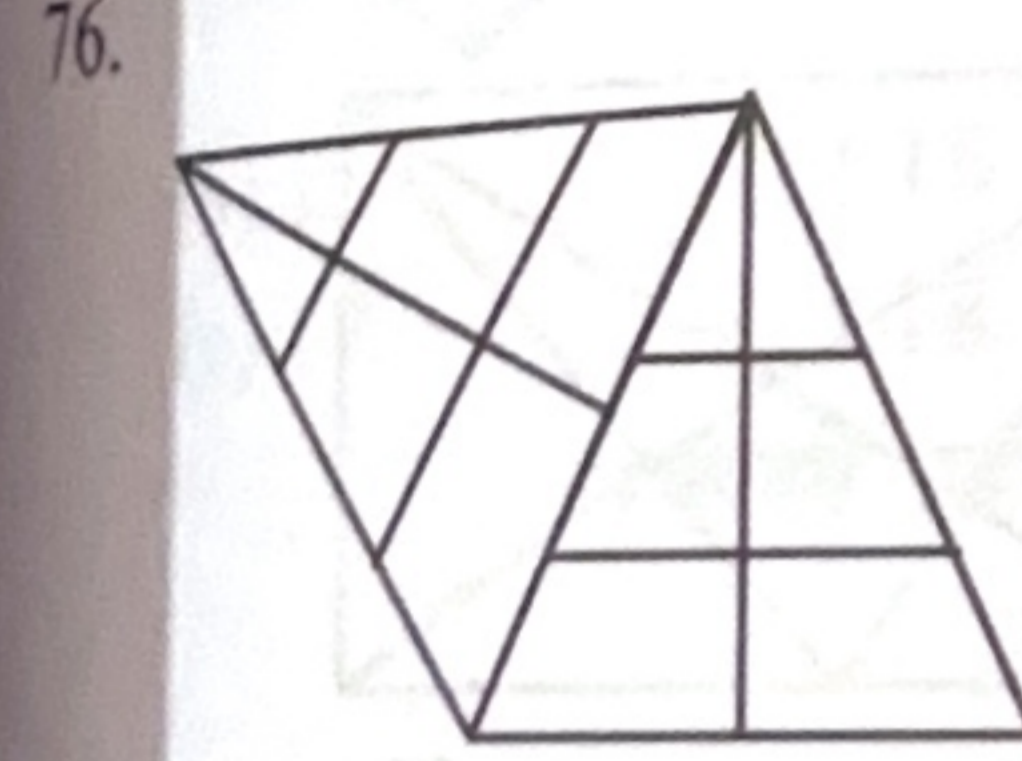
- (a) 14
- (c) 20
- (b) 18
- (d) 16



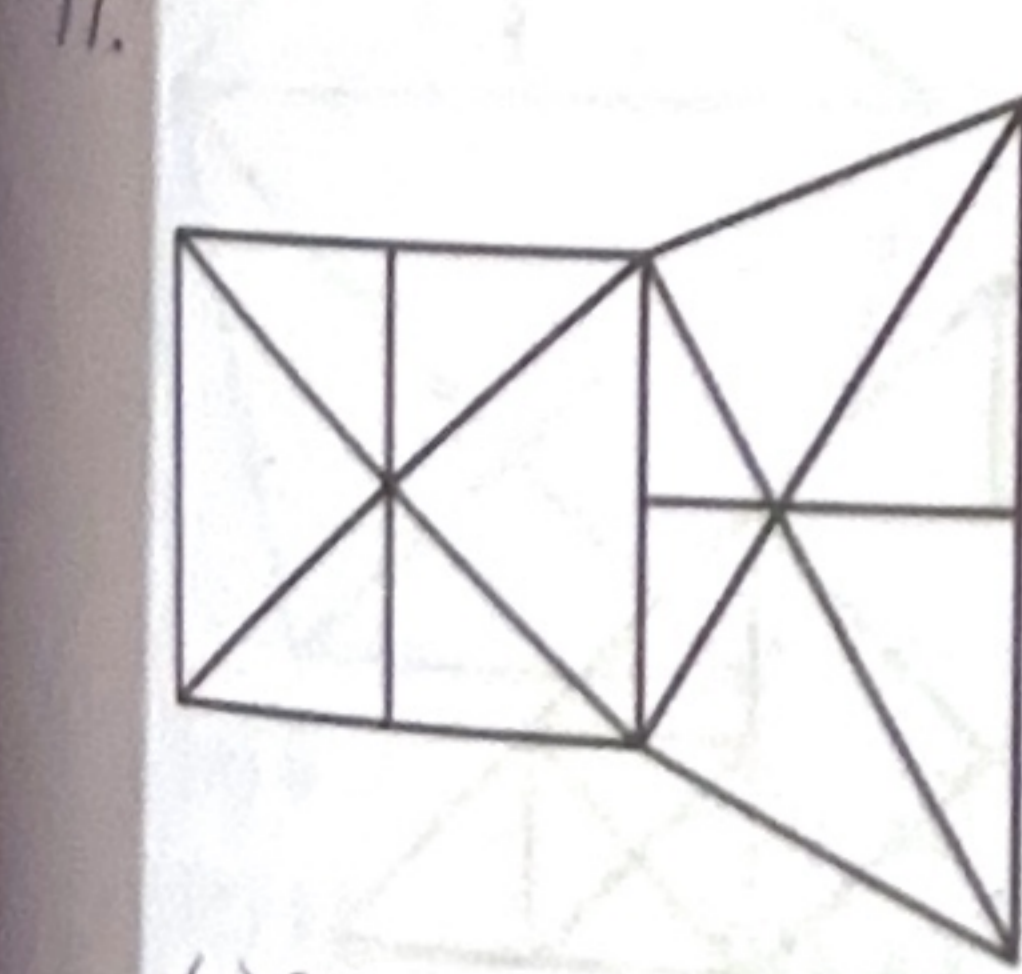
- (a) 12
- (c) 11
- (b) 13
- (d) 15



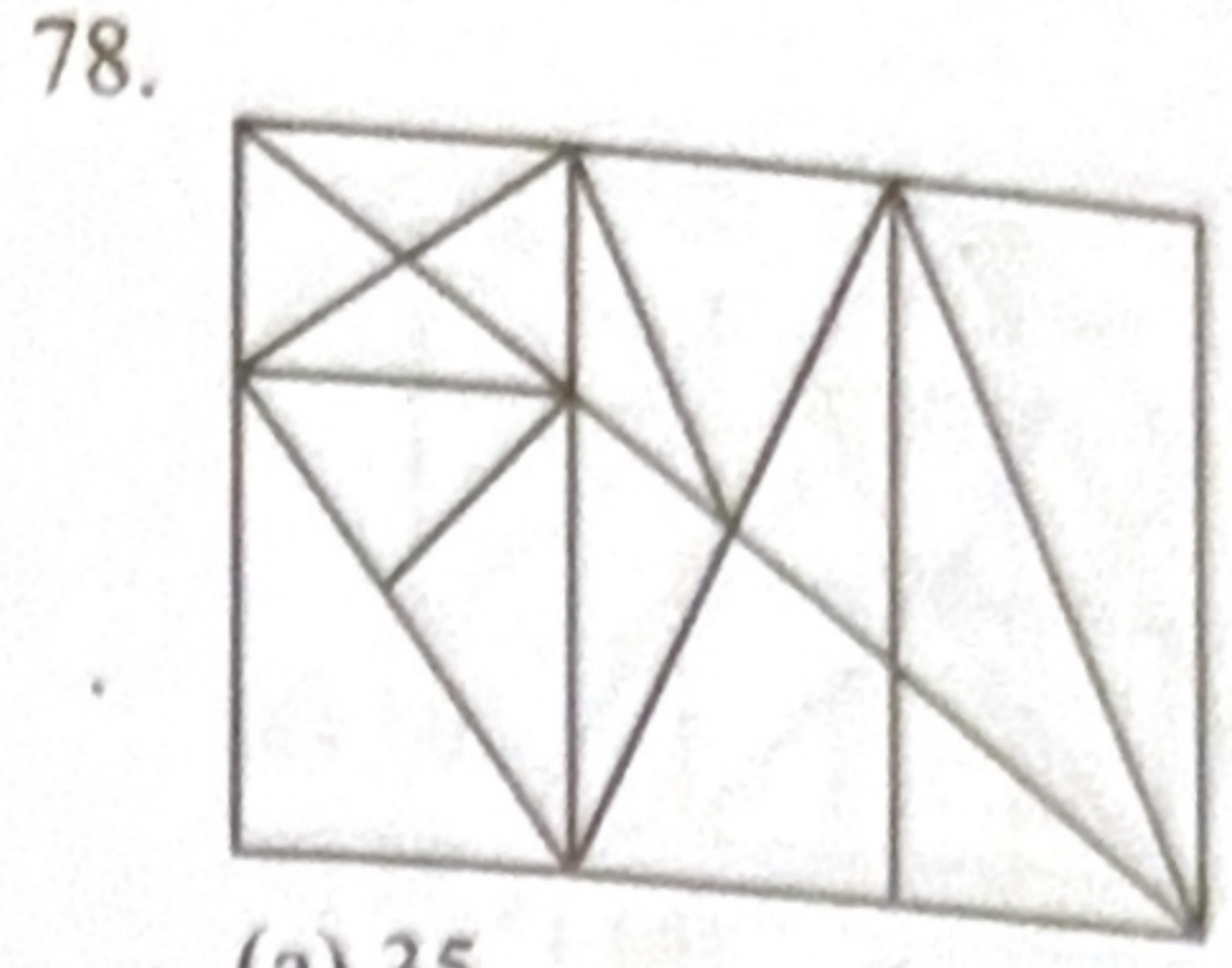
- (a) 18
- (c) 16
- (b) 20
- (d) 14



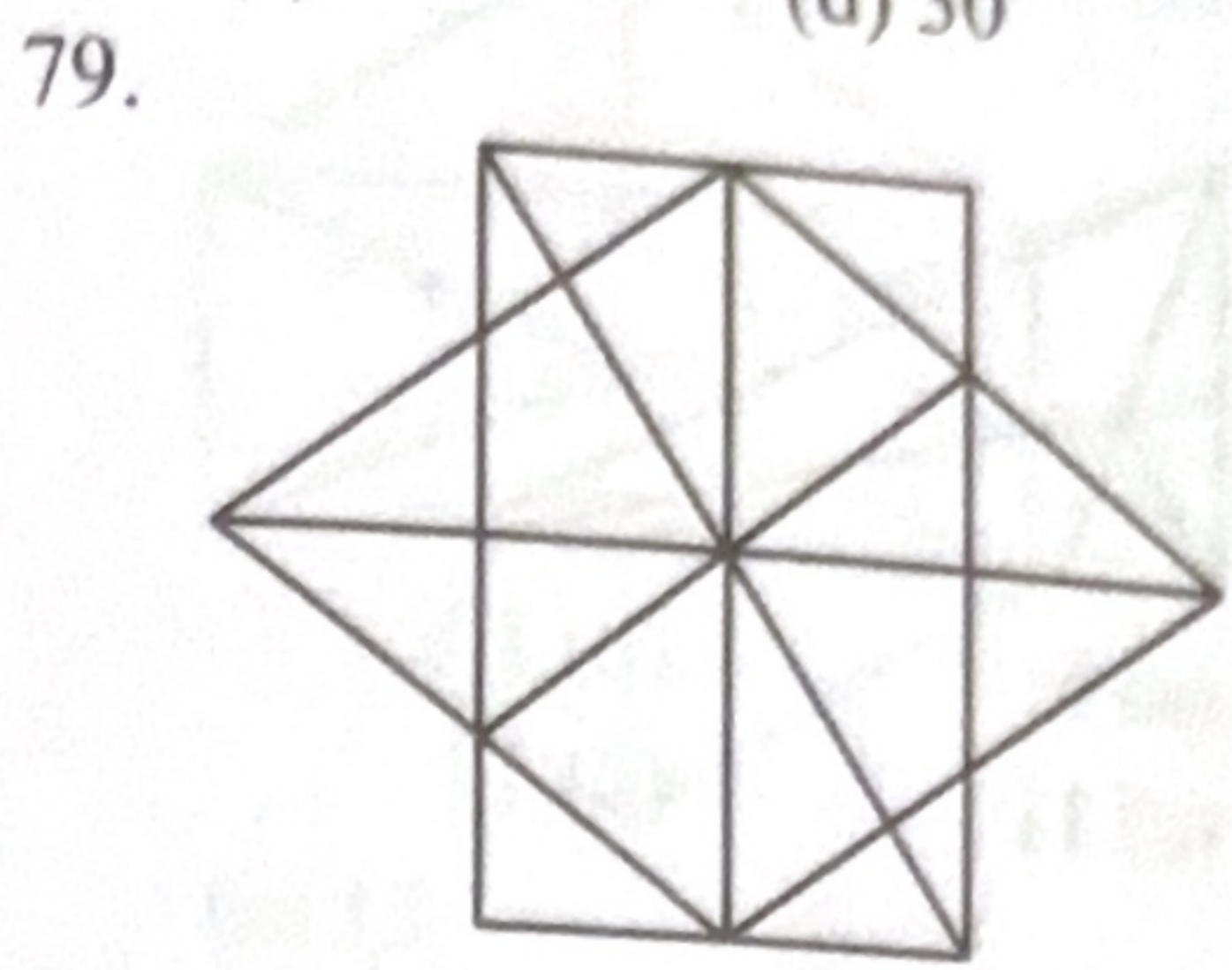
- (a) 20
- (c) 32
- (b) 28
- (d) 34



- (a) 27
- (c) 31
- (b) 28
- (d) 25

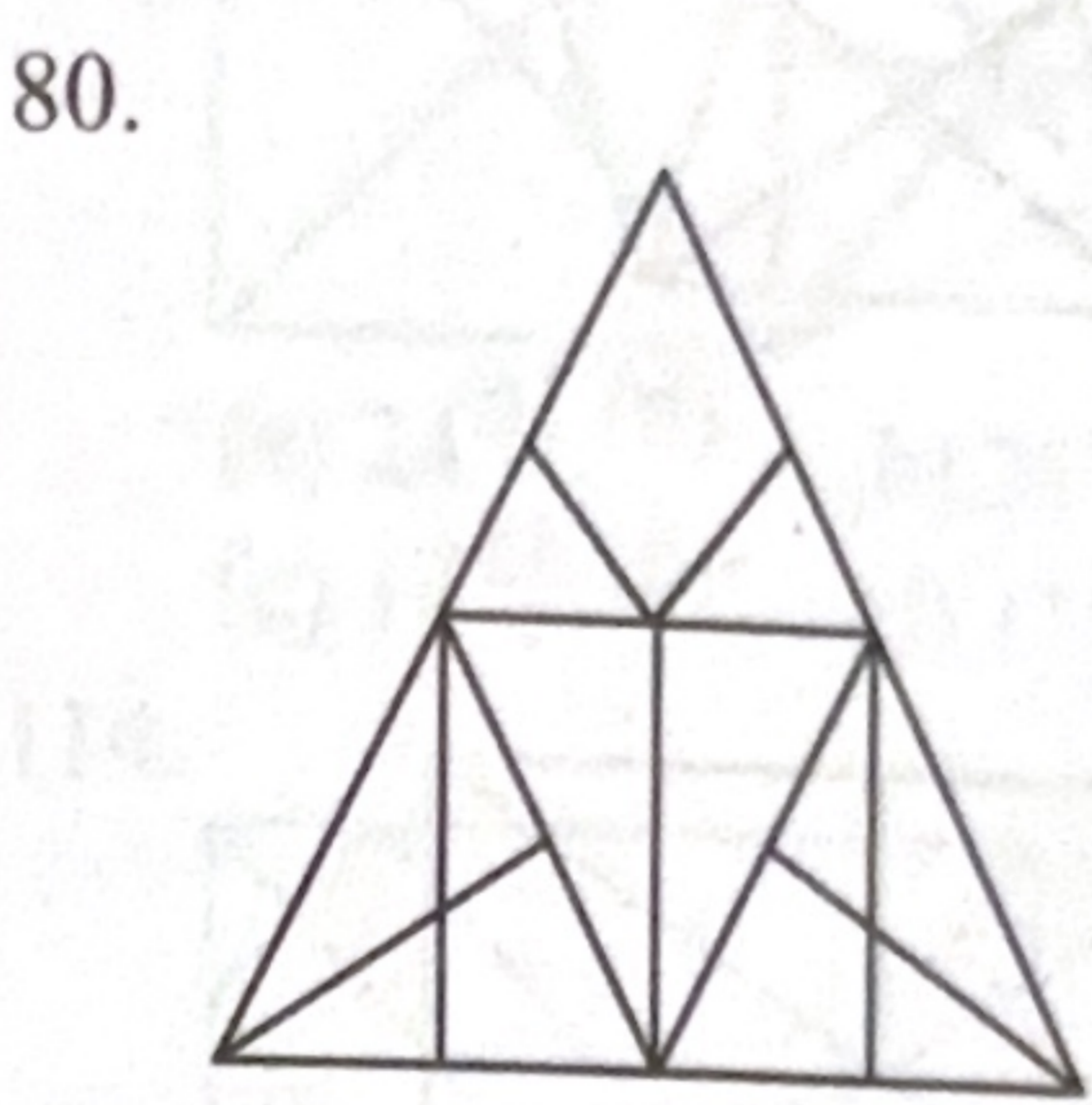


- (a) 35
- (c) 34
- (b) 36
- (d) 30

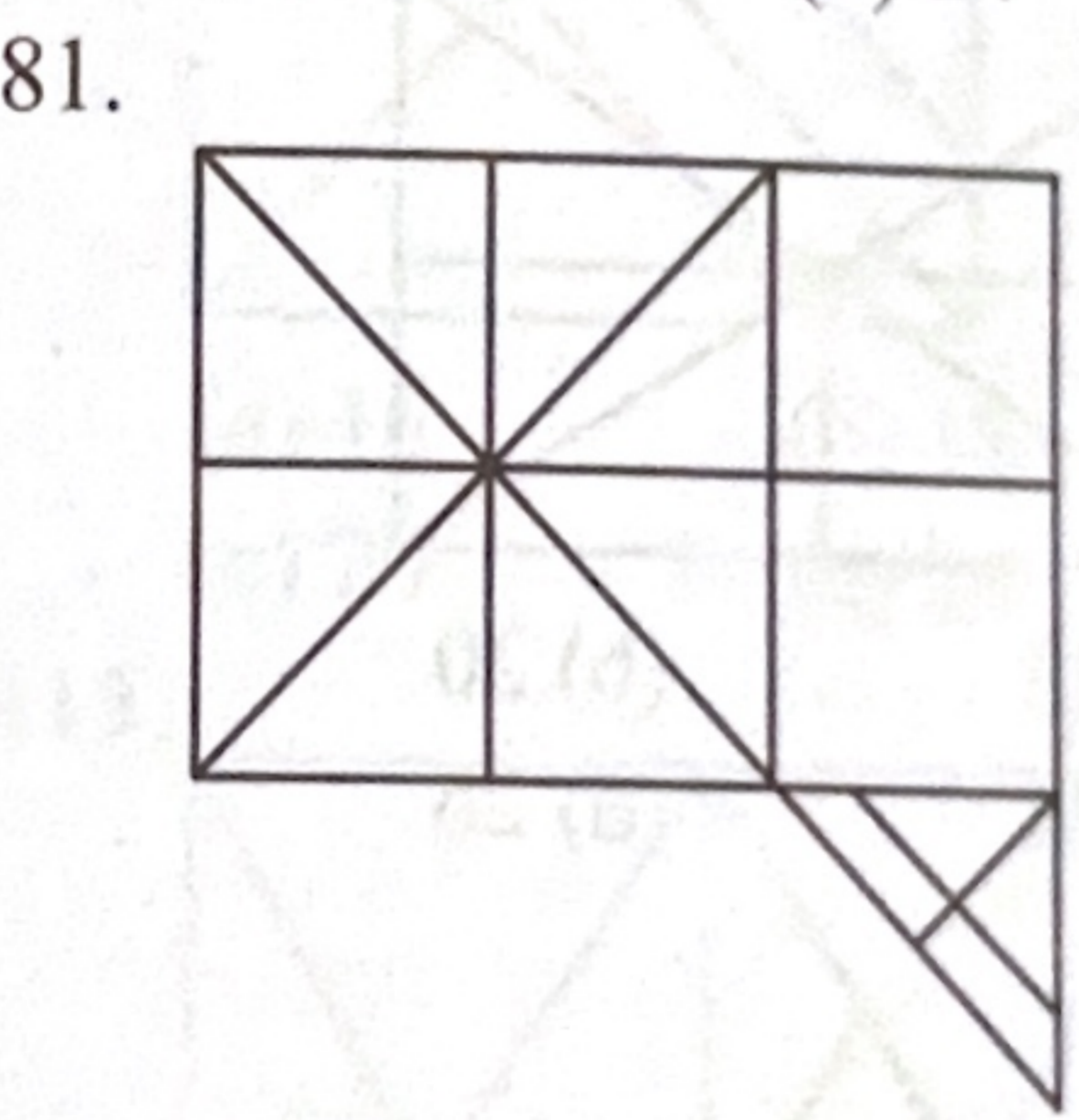


- (a) 40
- (c) 35
- (b) 38
- (d) 37

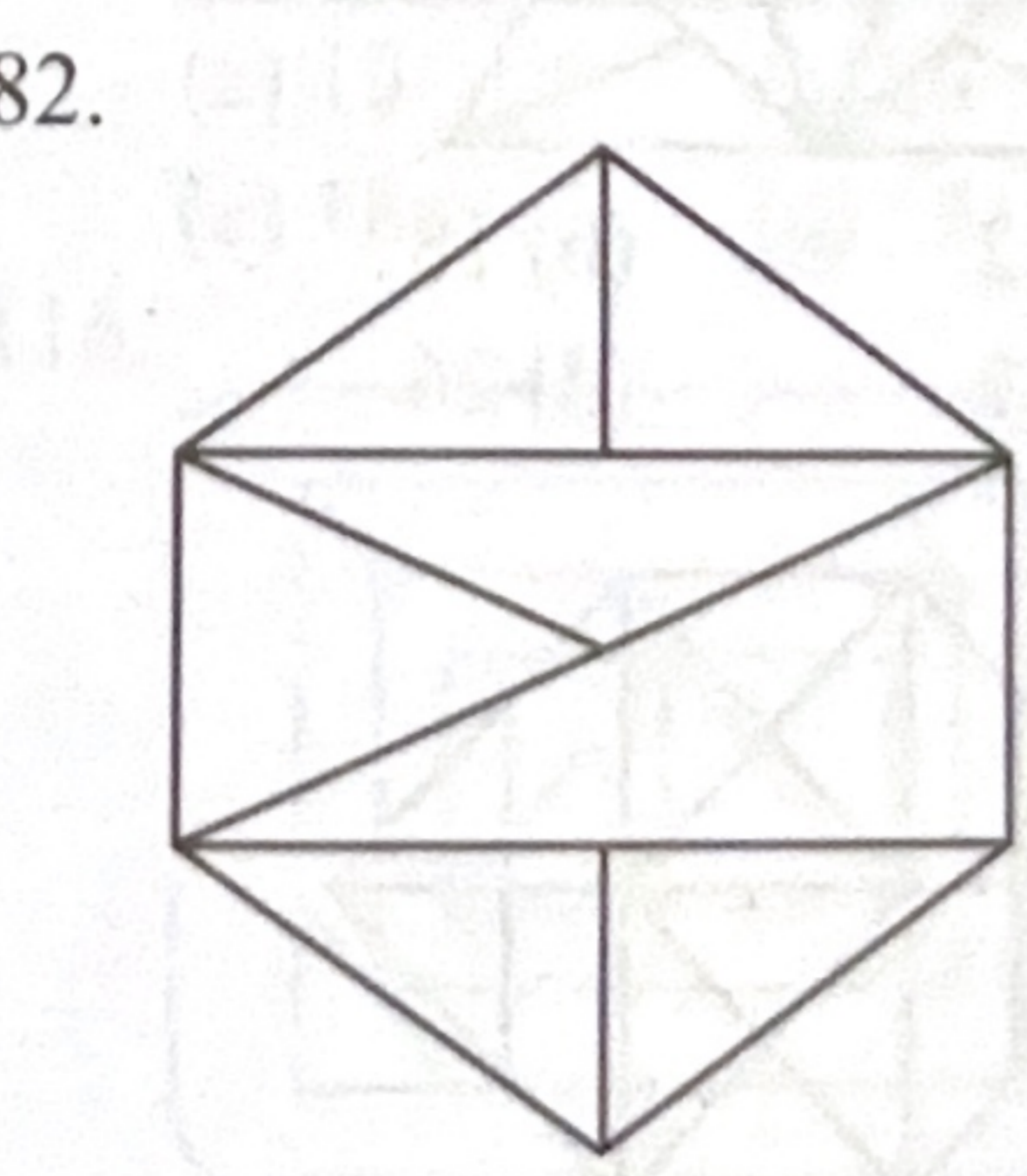
[कोशी प्रदेश चौथो तह
2079/1/3]



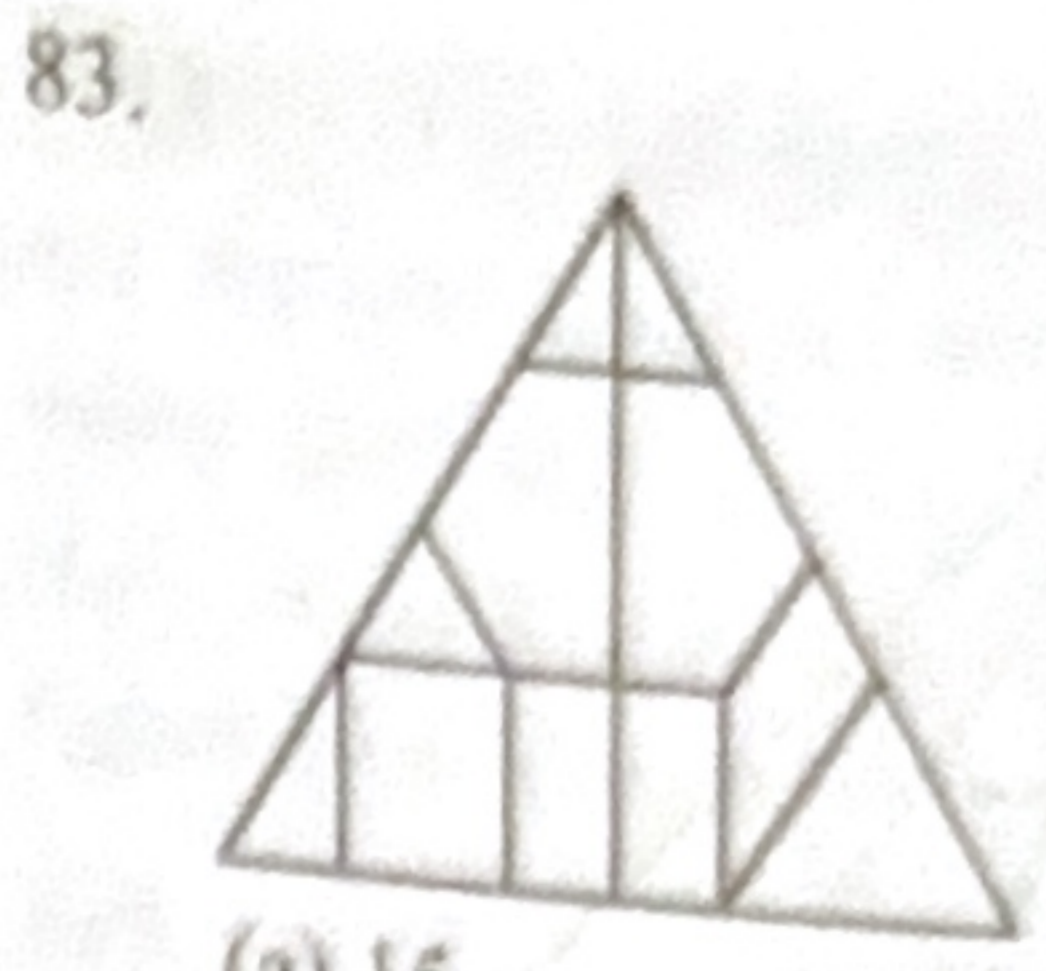
- (a) 21
- (c) 23
- (b) 22
- (d) 24



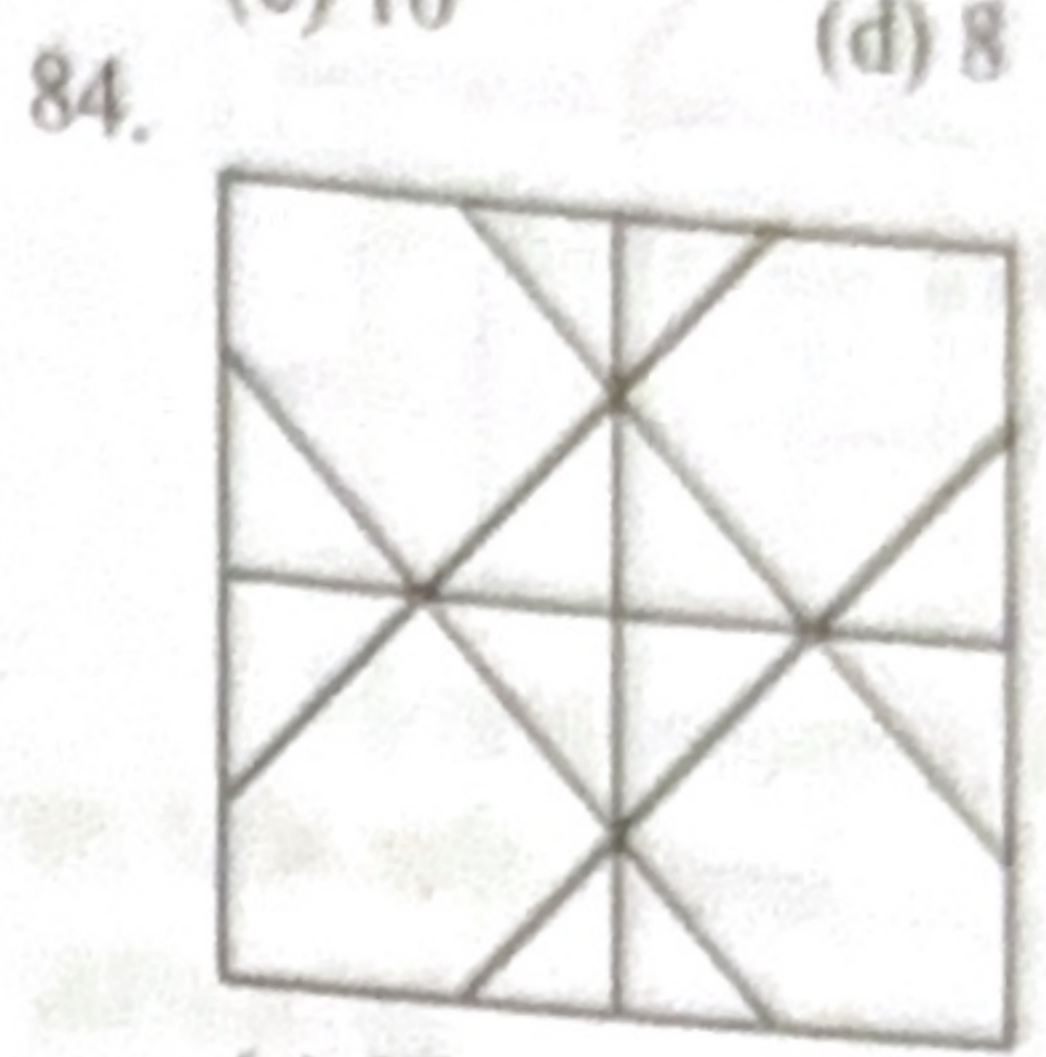
- (a) 22
- (c) 25
- (b) 23
- (d) 24



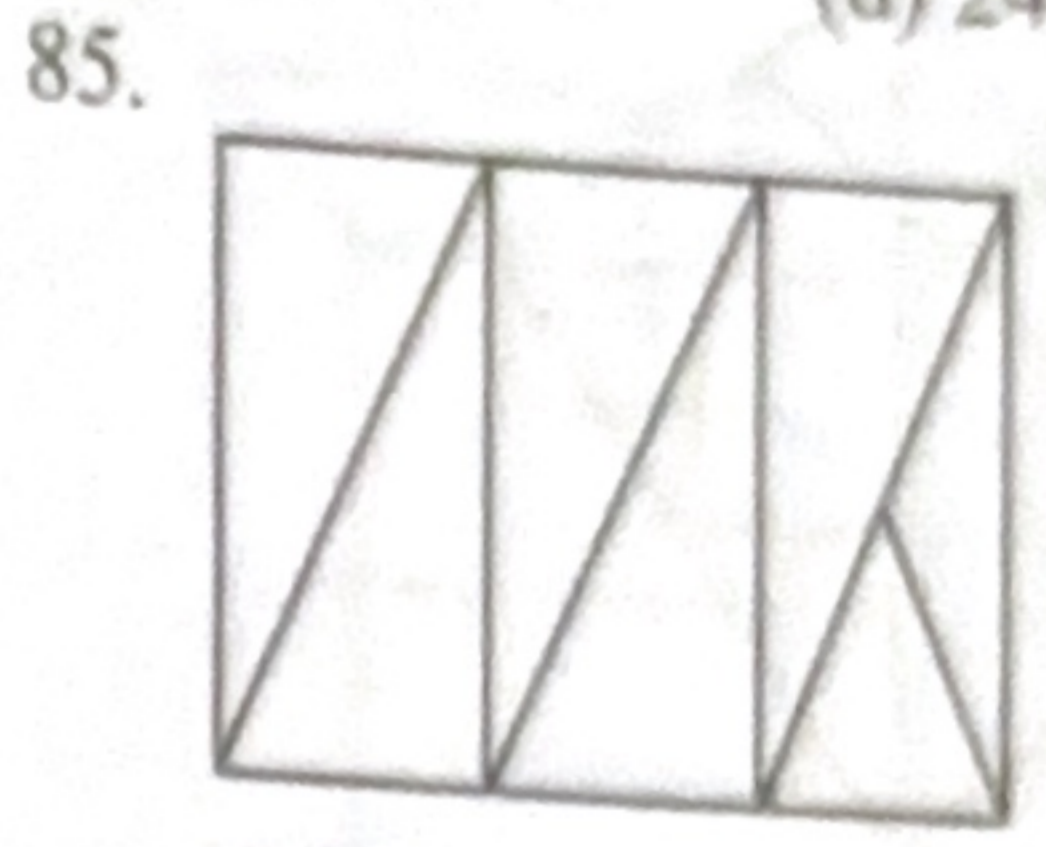
- (a) 10
- (c) 12
- (b) 9
- (d) 13



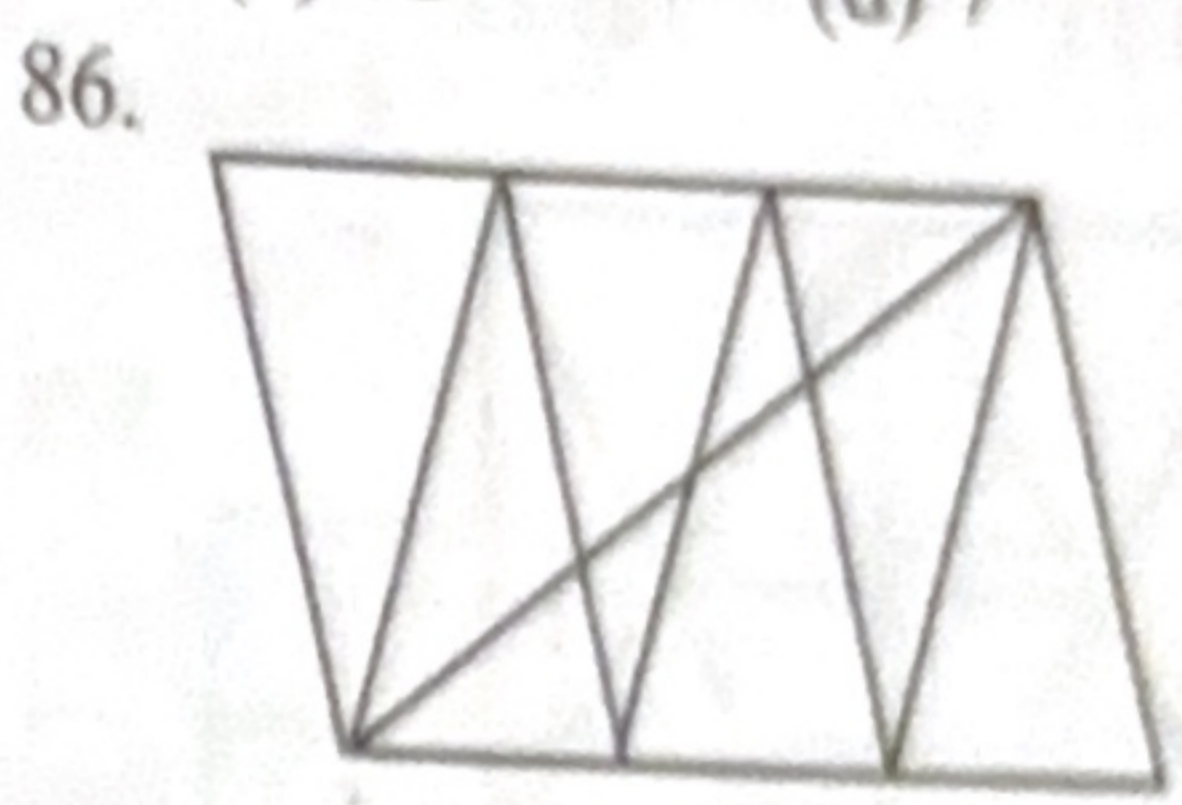
- (a) 15
- (c) 10
- (b) 12
- (d) 8



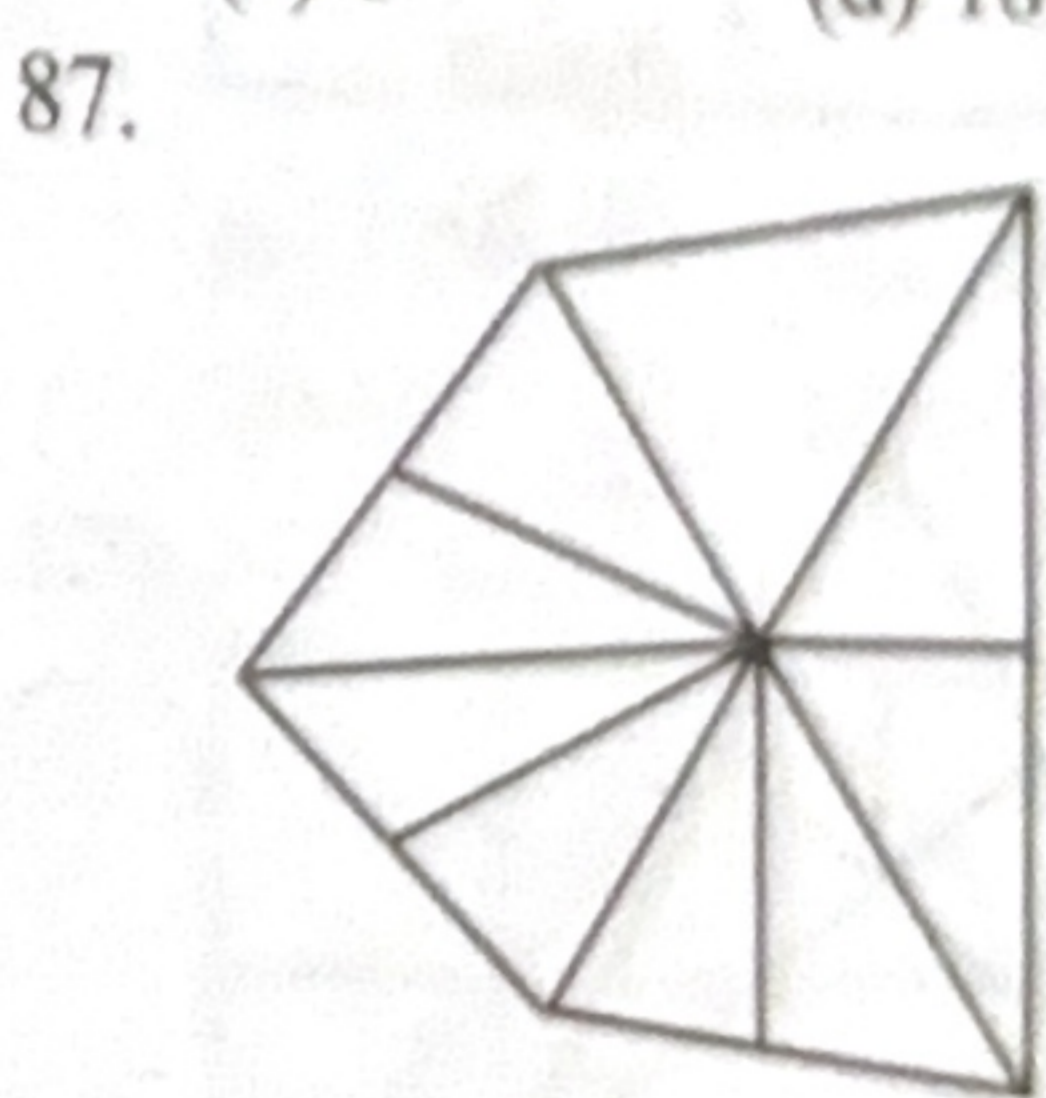
- (a) 28
- (c) 20
- (b) 16
- (d) 24



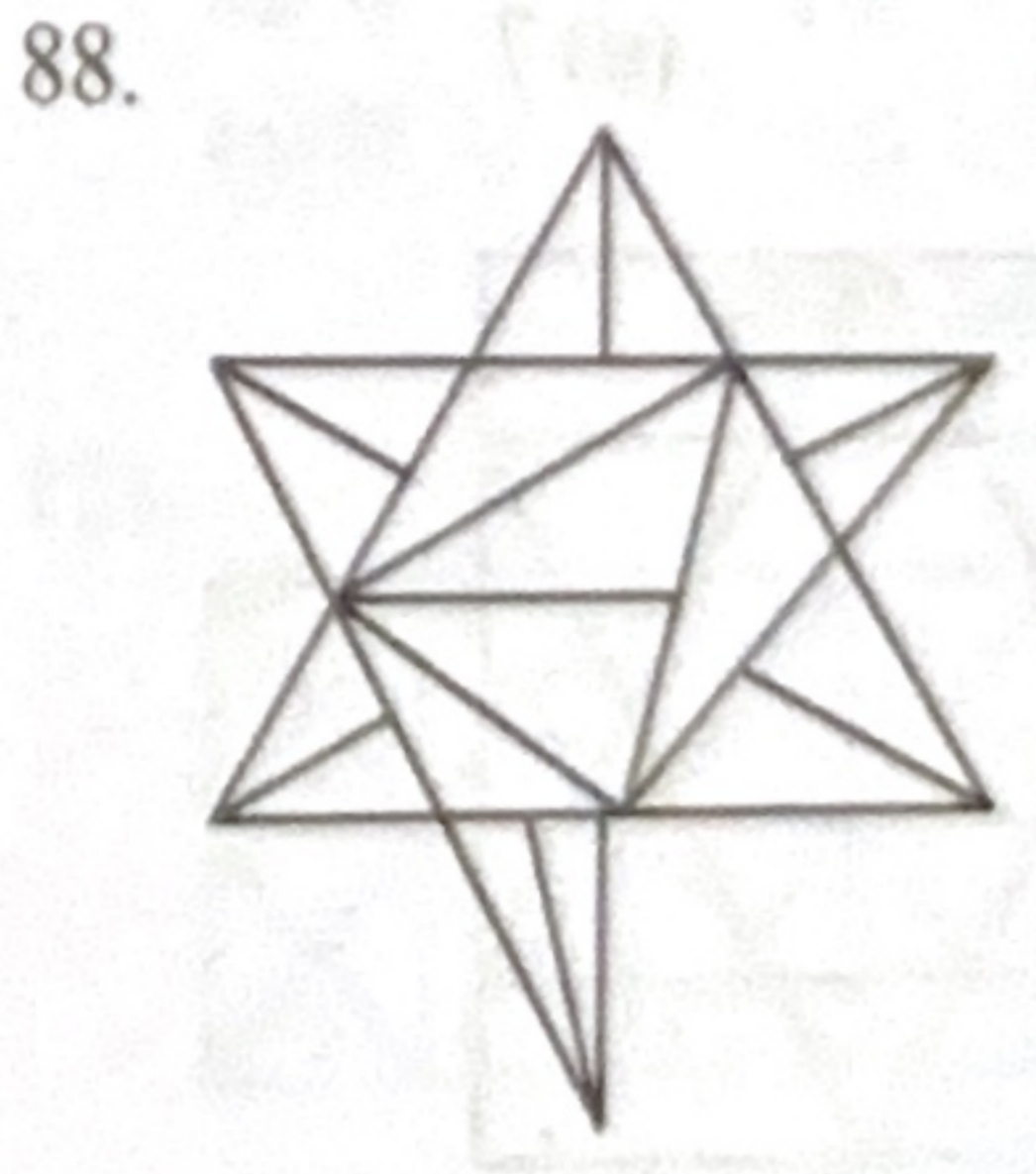
- (a) 8
- (c) 12
- (b) 10
- (d) 7



- (a) 10
- (c) 8
- (b) 6
- (d) 18

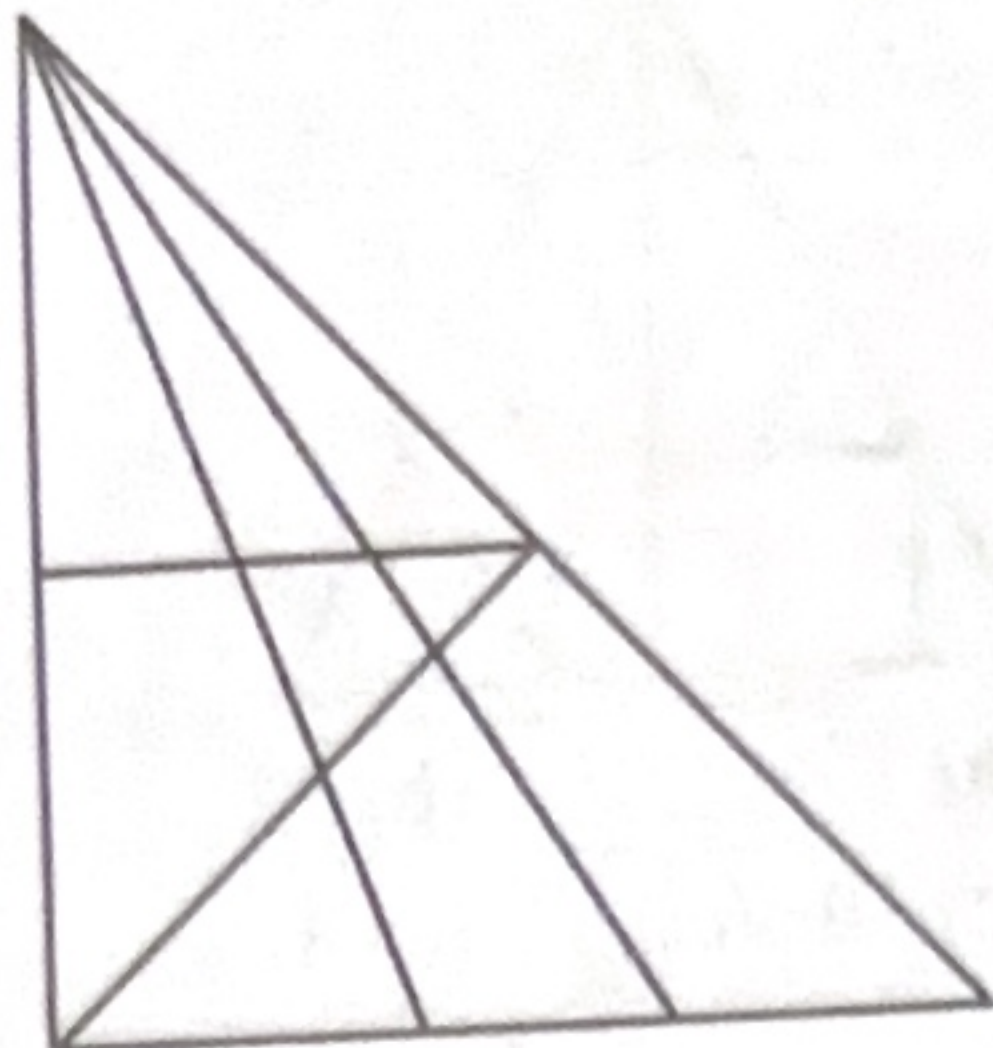


- (a) 12
- (c) 14
- (b) 15
- (d) 8



- (a) 31
- (c) 30
- (b) 34
- (d) 29

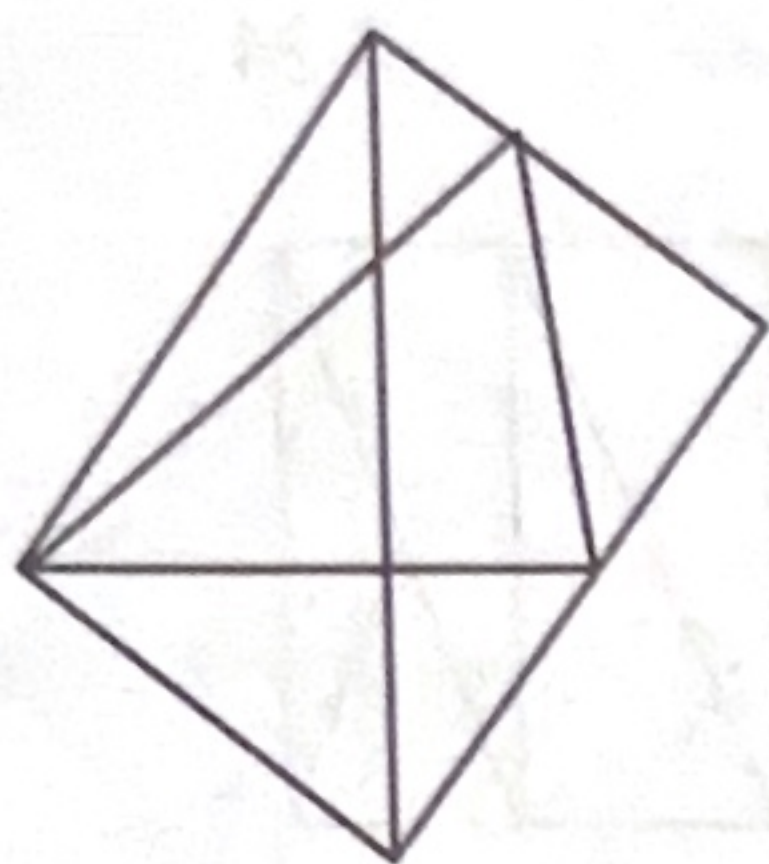
89.



- (a) 18 or less than 18
- (b) 20
- (c) 22
- (d) 24 or more than 24

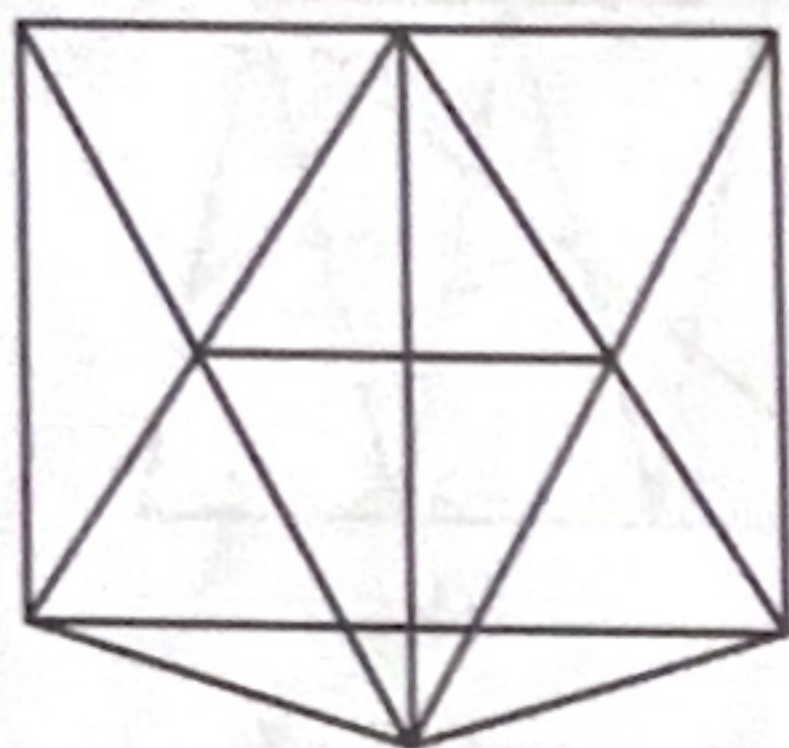
[कर्णली प्रदेश चौथो तह
2079/3/18]

90.



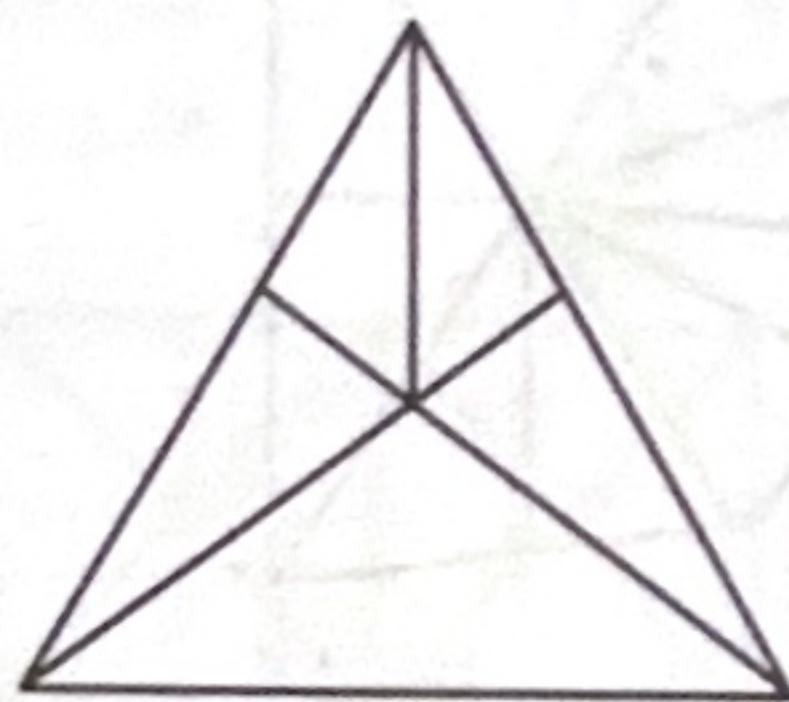
- (a) 8
- (b) 9
- (c) 11
- (d) 12

91.



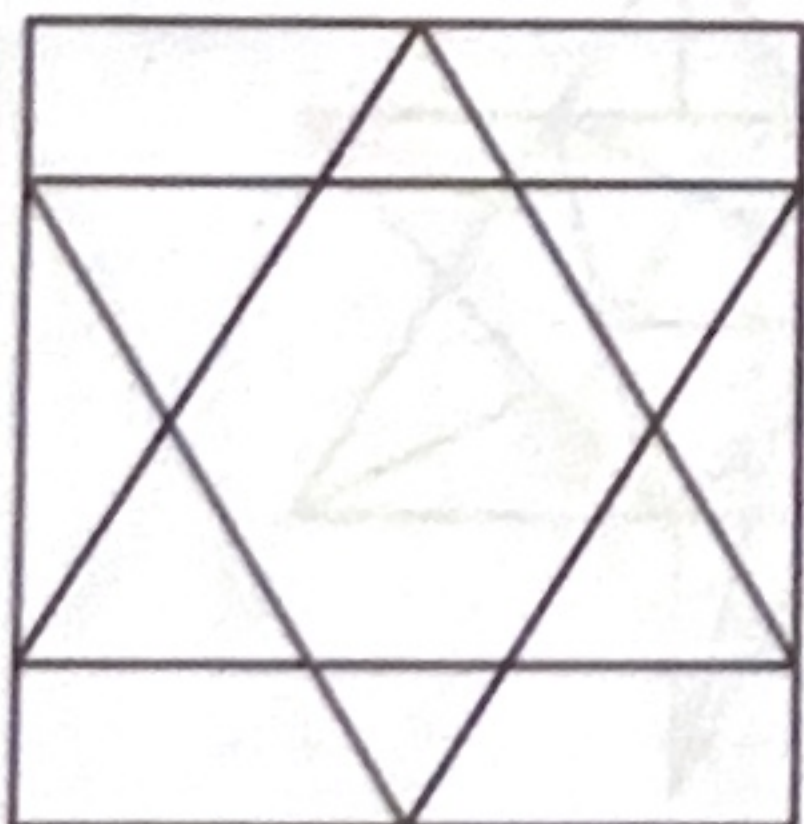
- (a) 35
- (b) 40
- (c) 18
- (d) 20

92.



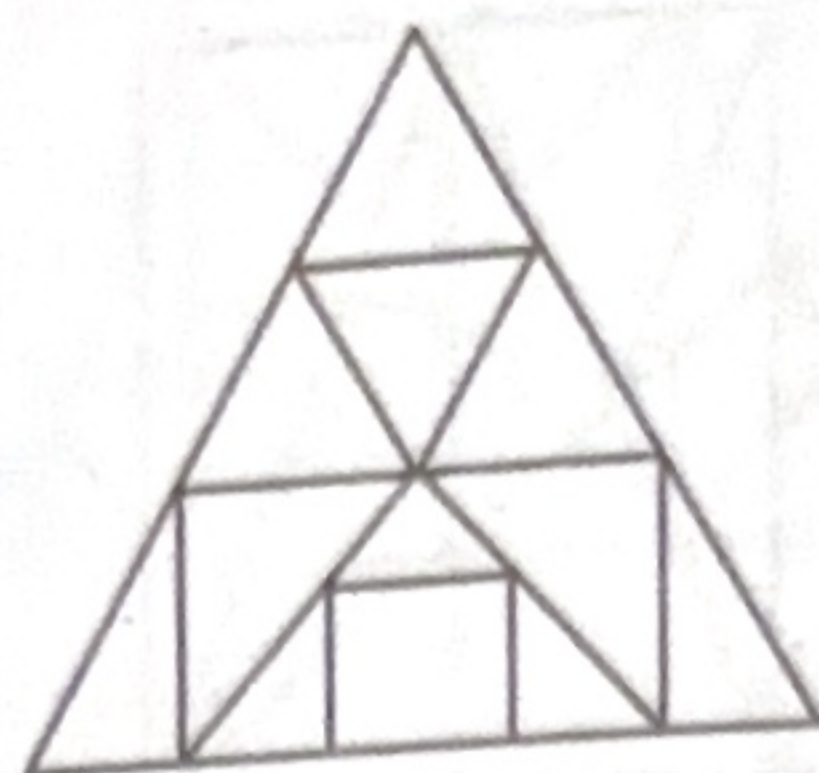
- (a) 10
- (b) 9
- (c) 12
- (d) 7

93.



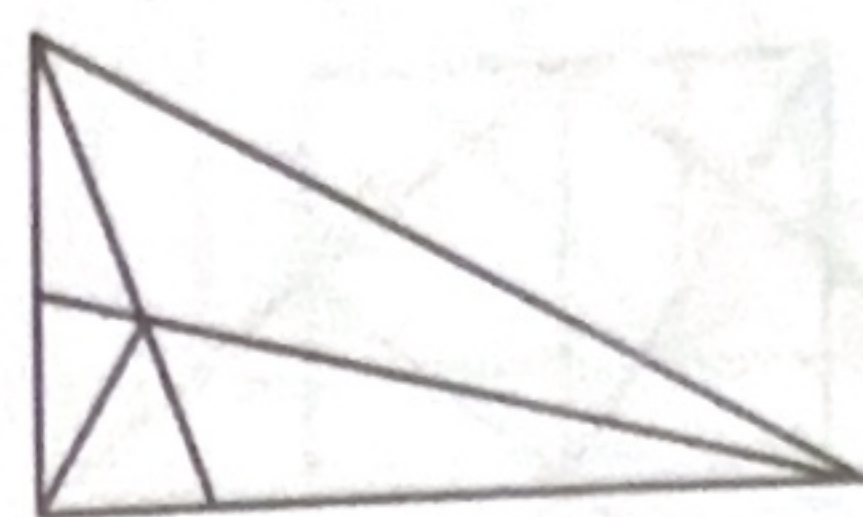
- (a) 11
- (b) 9
- (c) 12
- (d) 18

94.



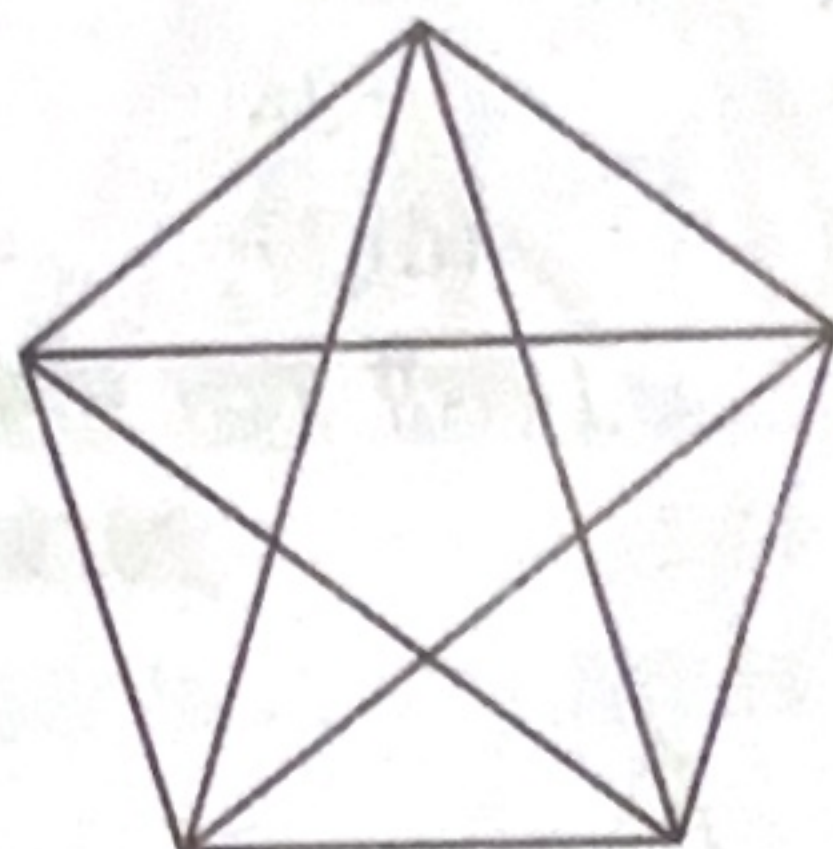
- (a) 17
- (b) 15
- (c) 13
- (d) 16

95.



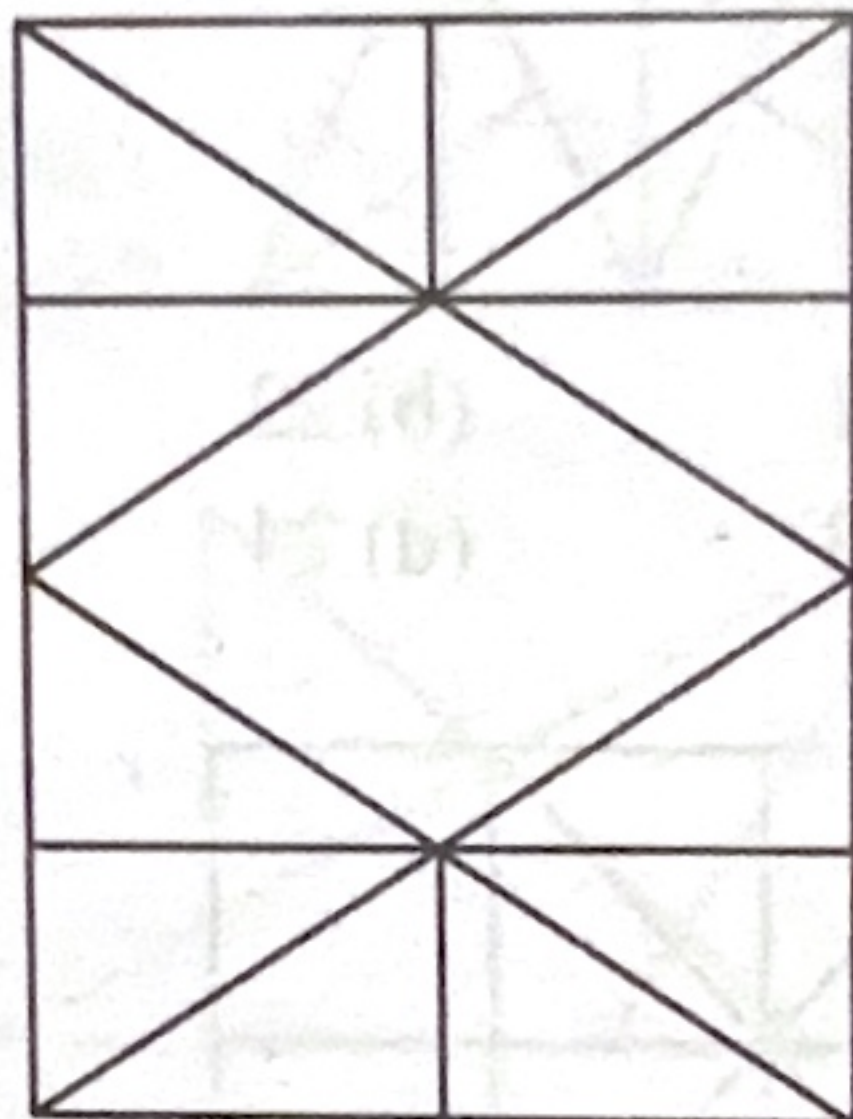
- (a) 6
- (b) 10
- (c) 11
- (d) 12

96.



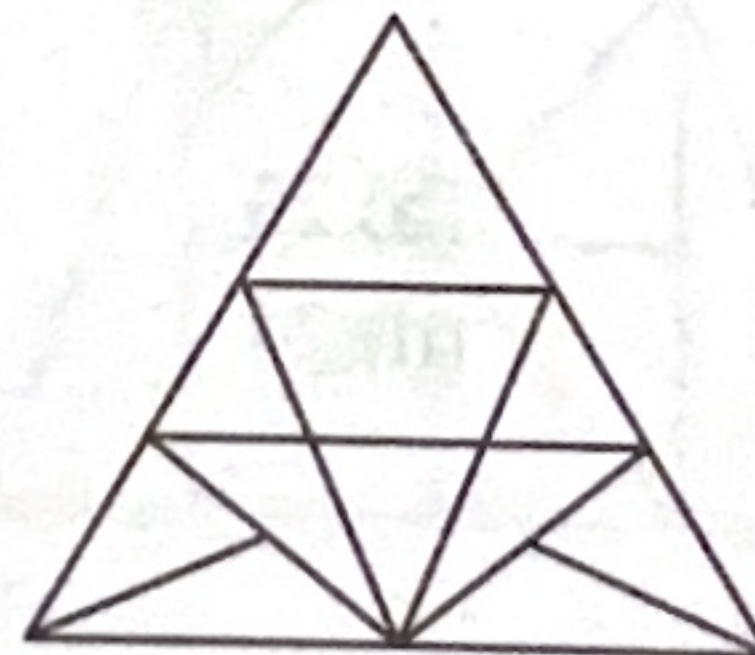
- (a) 15
- (b) 16
- (c) 32
- (d) 35

97.



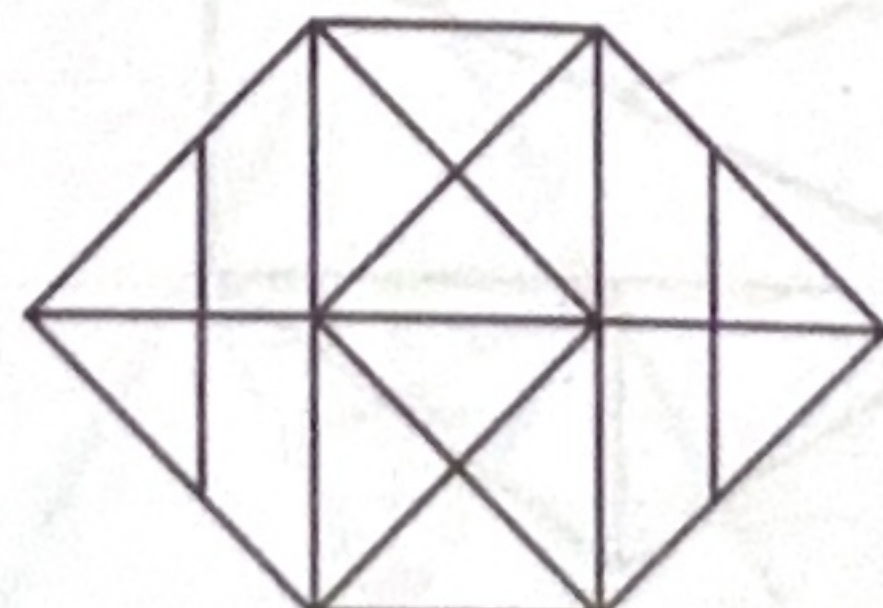
- (a) 22
- (b) 20
- (c) 24
- (d) 26

98.



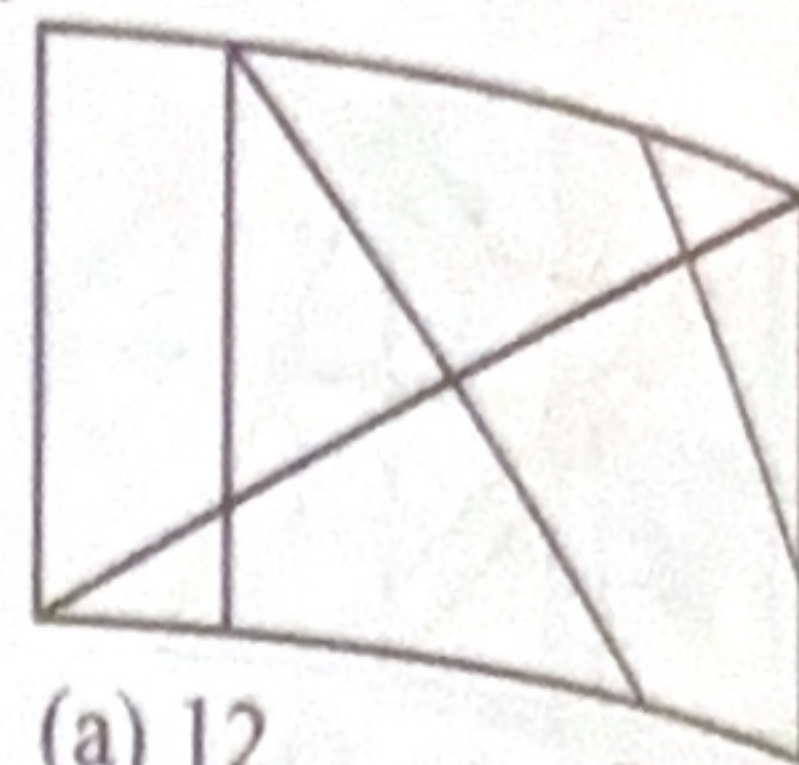
- (a) 12
- (b) 18
- (c) 22
- (d) 26

99.



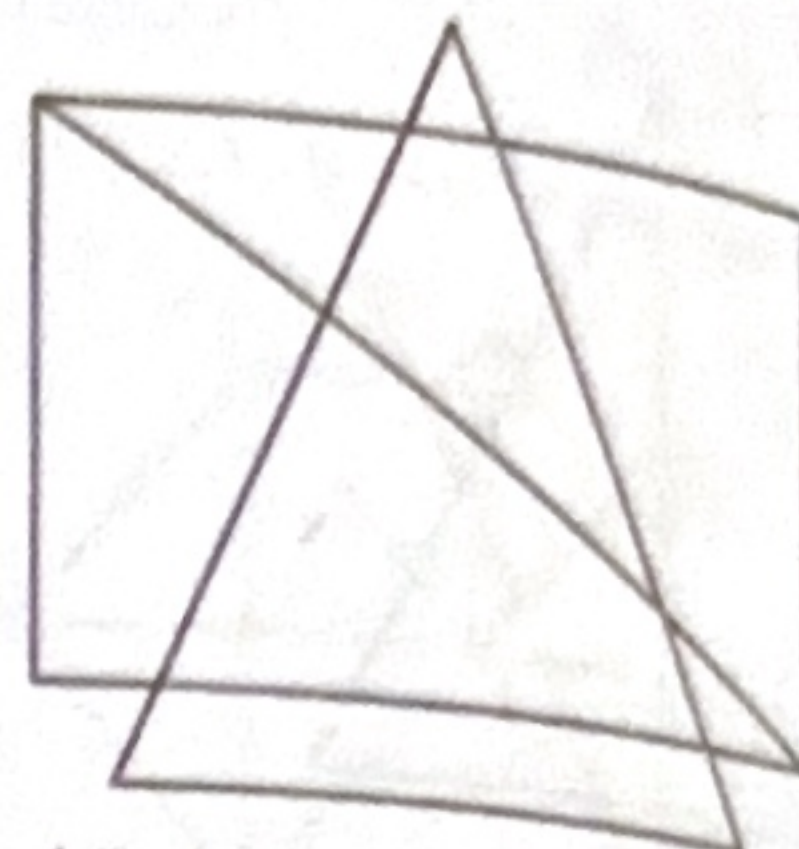
- (a) 20
- (b) 24
- (c) 28
- (d) 34

100.



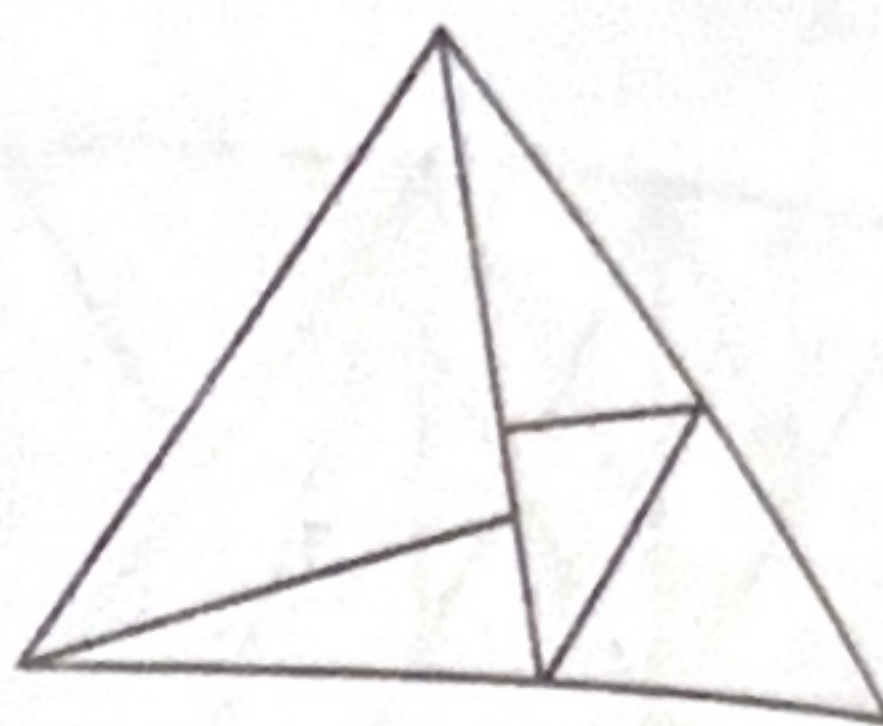
- (a) 12
- (b) 10
- (c) 9
- (d) 11

101.



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

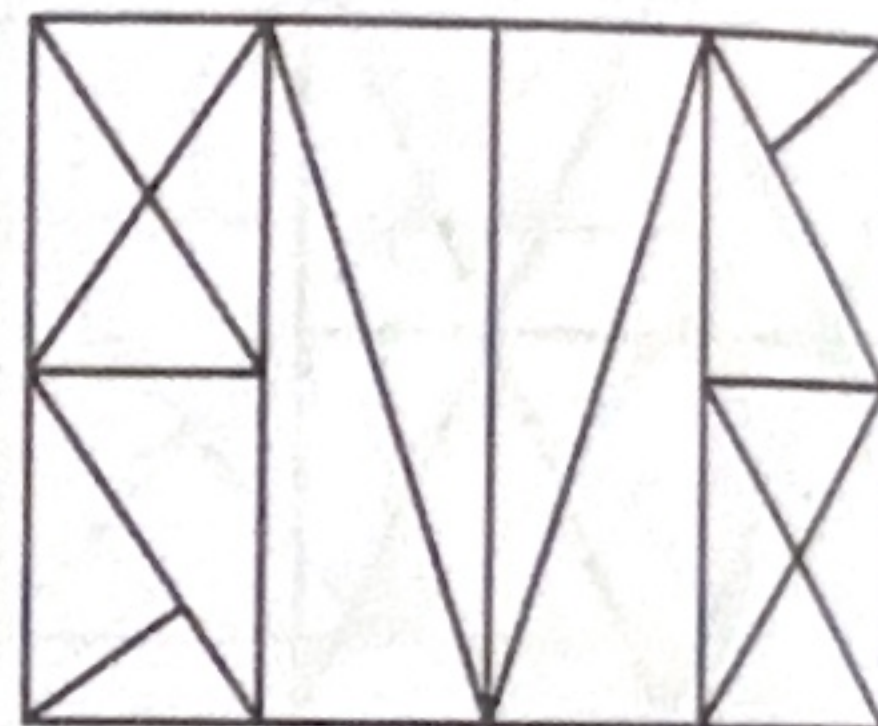
102.



- (a) 7
- (b) 8
- (c) 9
- (d) 10

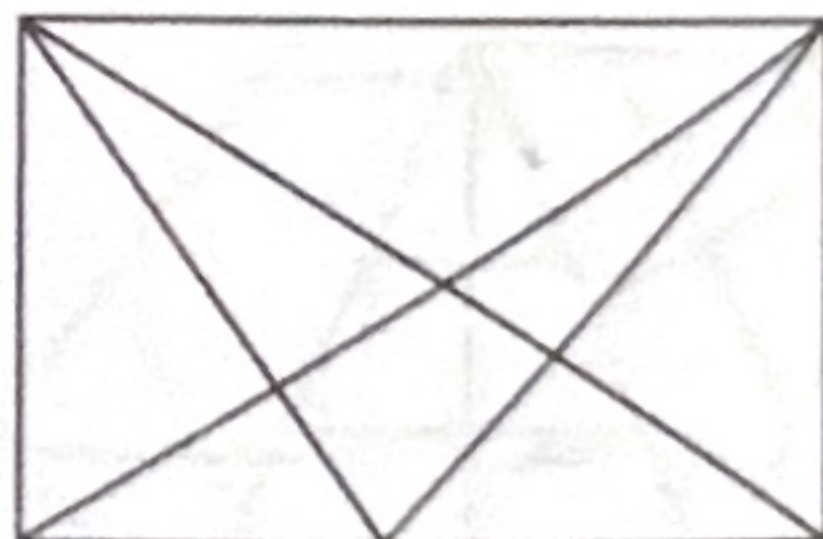
[लुम्बिनी प्रदेश महिला विकास
निरीक्षक चौथो तह 2080/2/15]

103.



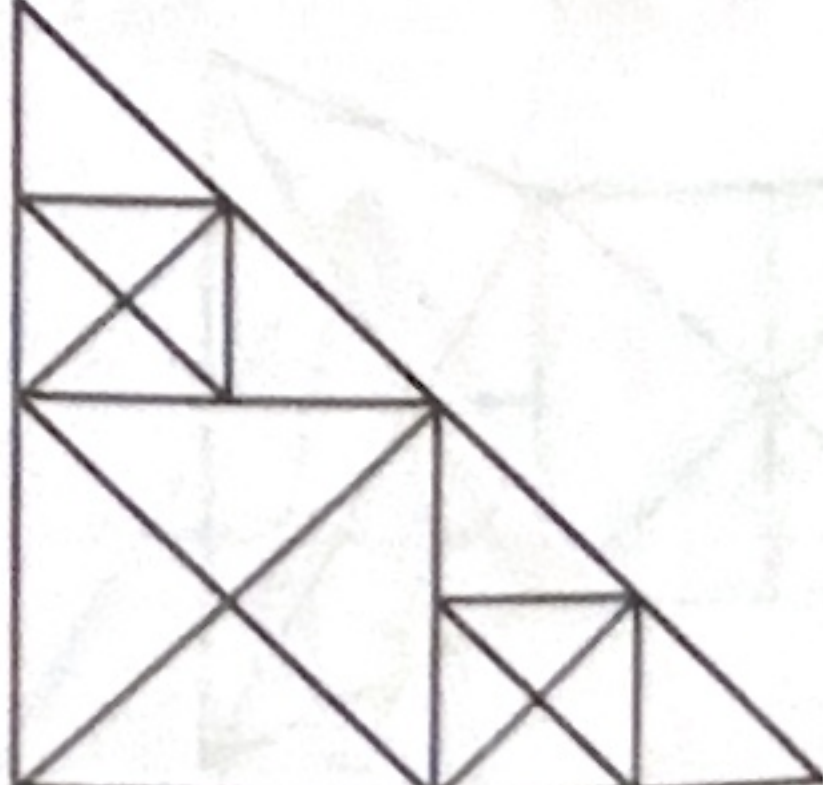
- (a) 29
- (b) 18
- (c) 33
- (d) 31

104.



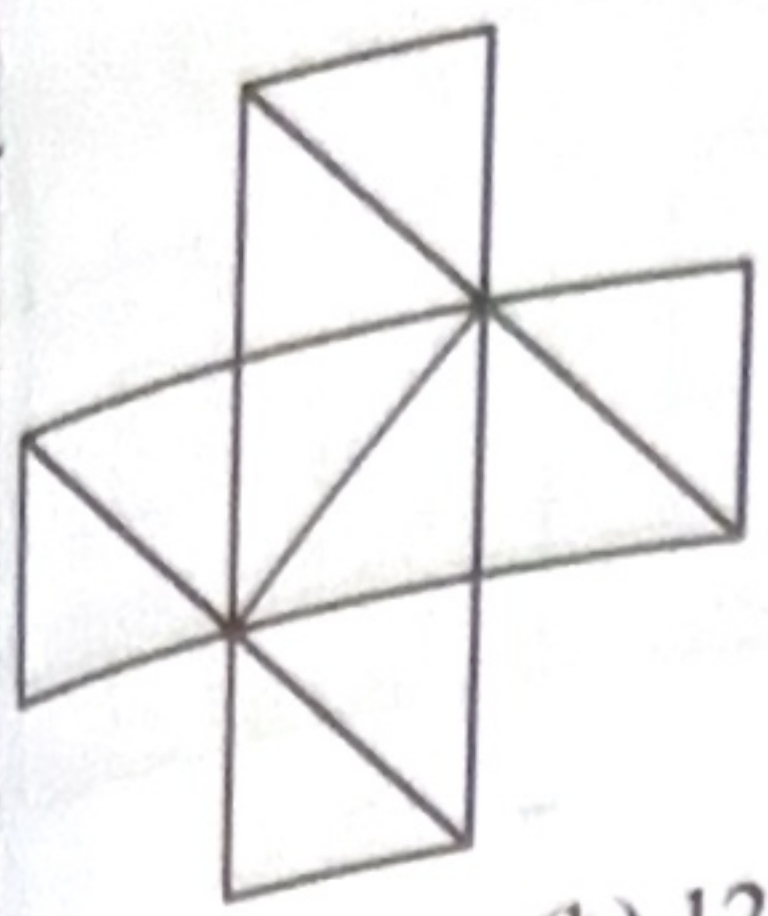
- (a) 20
- (b) 21
- (c) 22
- (d) 23

105.



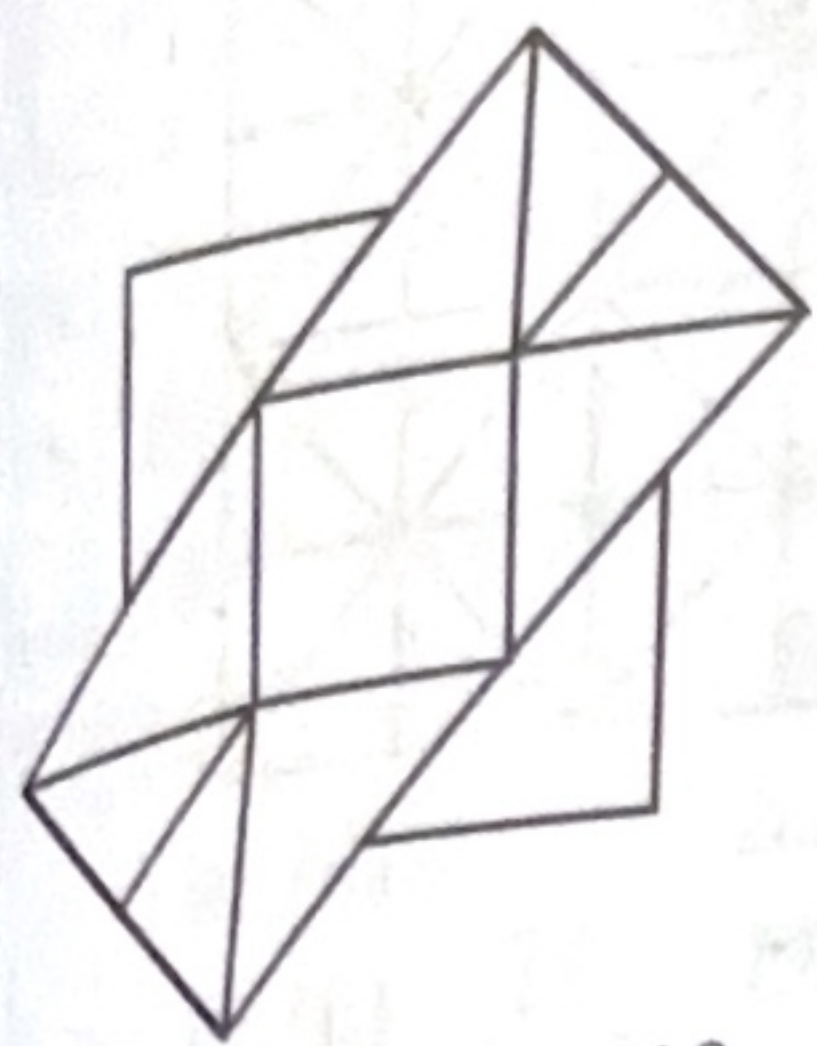
- (a) 32
- (b) 34
- (c) 37
- (d) 40

106.



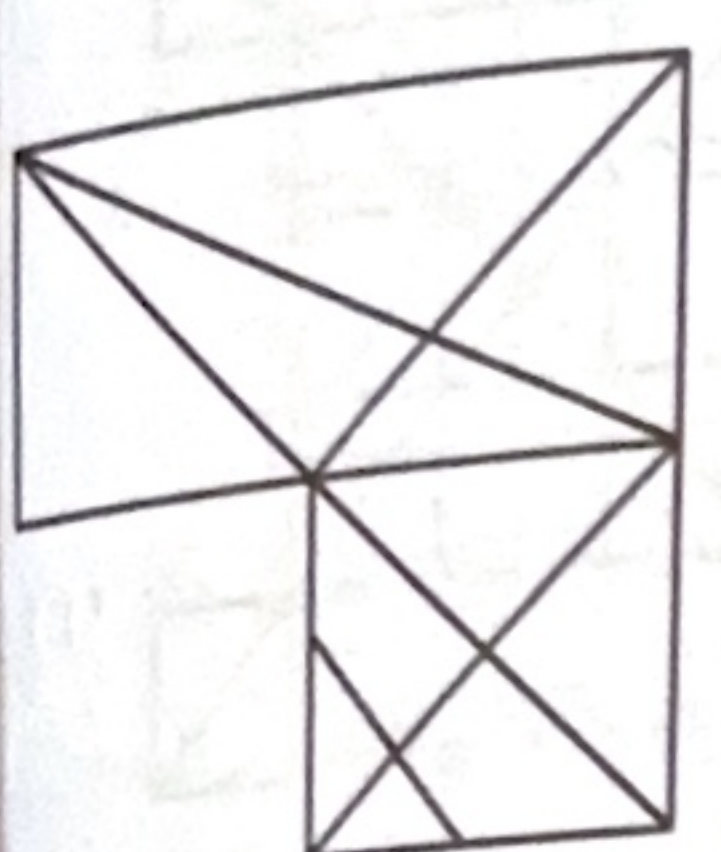
- (a) 10
- (b) 12
- (c) 15
- (d) 16

107.



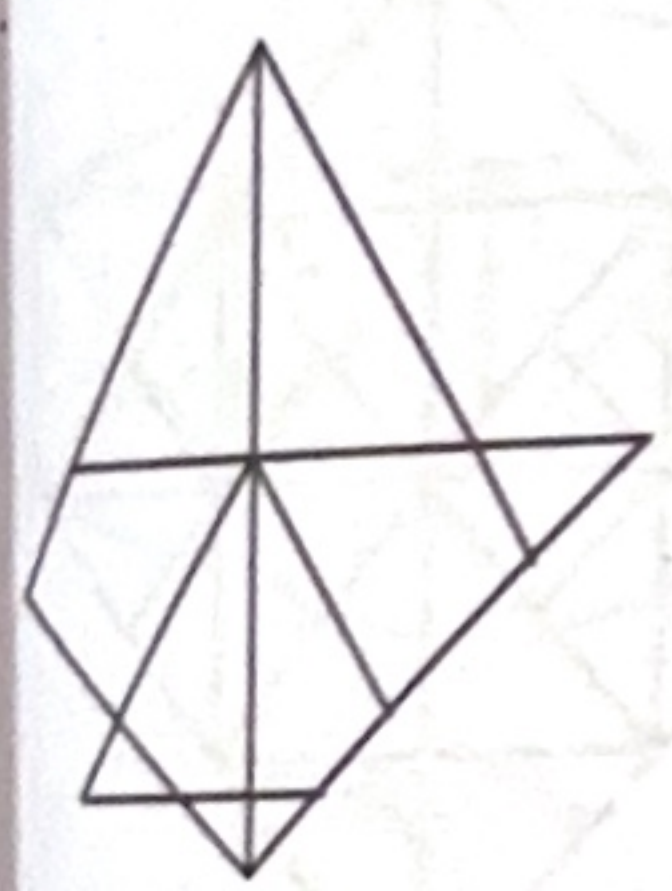
- (a) 12
- (b) 10
- (c) 18
- (d) 16

108.



- (a) 17
- (b) 21
- (c) 24
- (d) 25

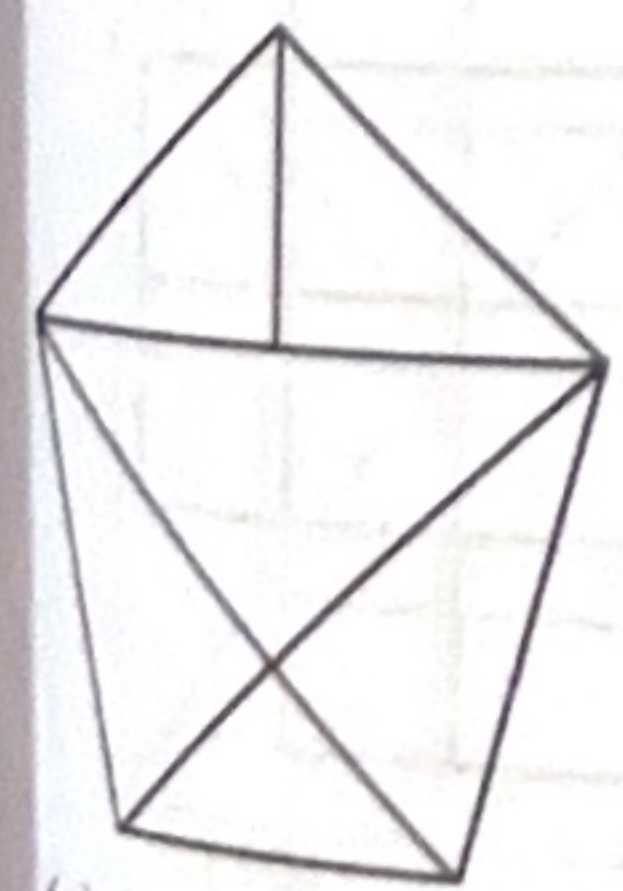
109.



- (a) 15
- (b) 16
- (c) 17
- (d) 18

[कोशी प्रदेश पाँचौ तह 2080/3/16]

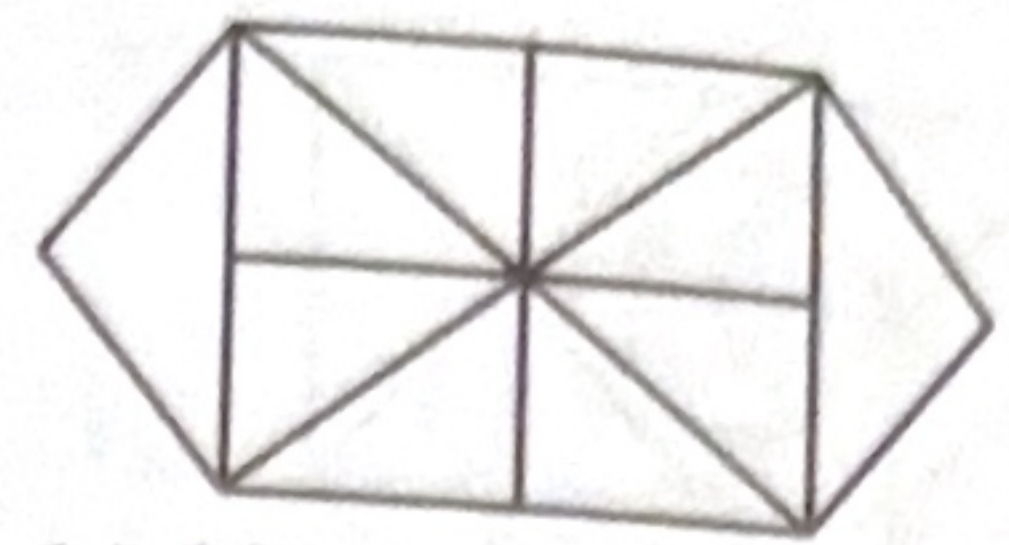
110.



- (a) 9
- (b) 10
- (c) 11
- (d) 12

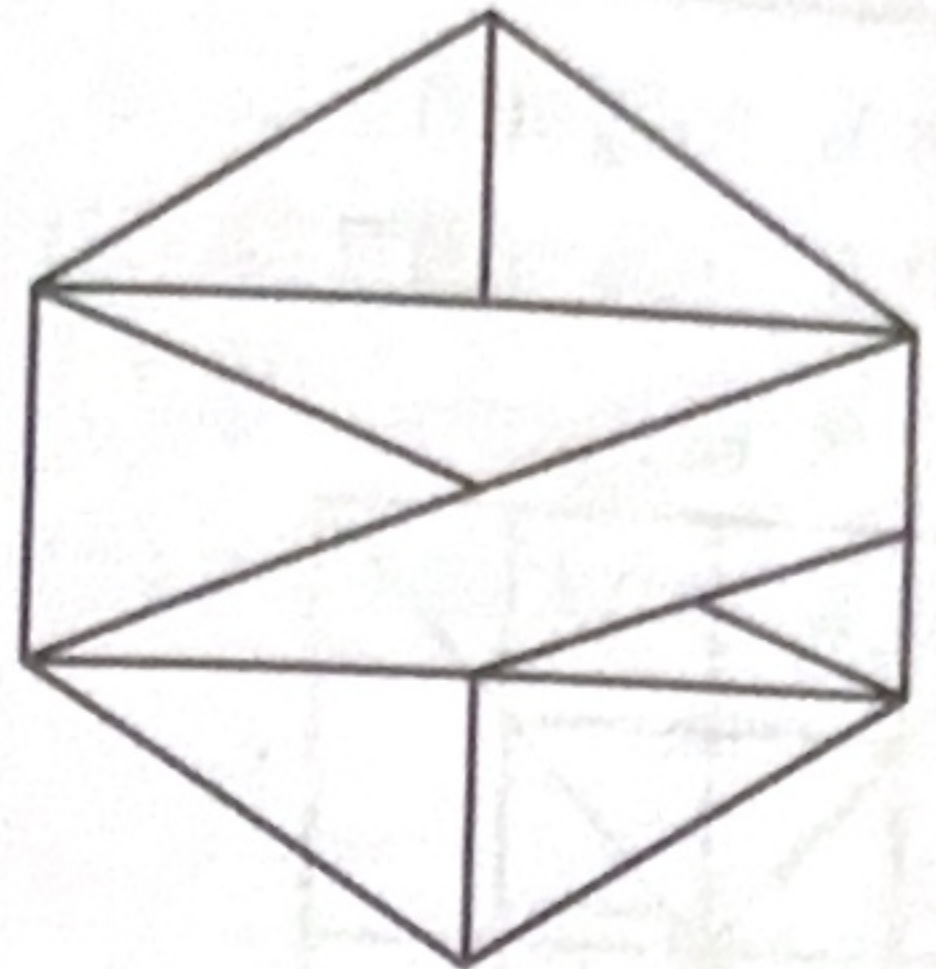
[कोशी प्रदेश चौथो तह 2080/3/2]

111.



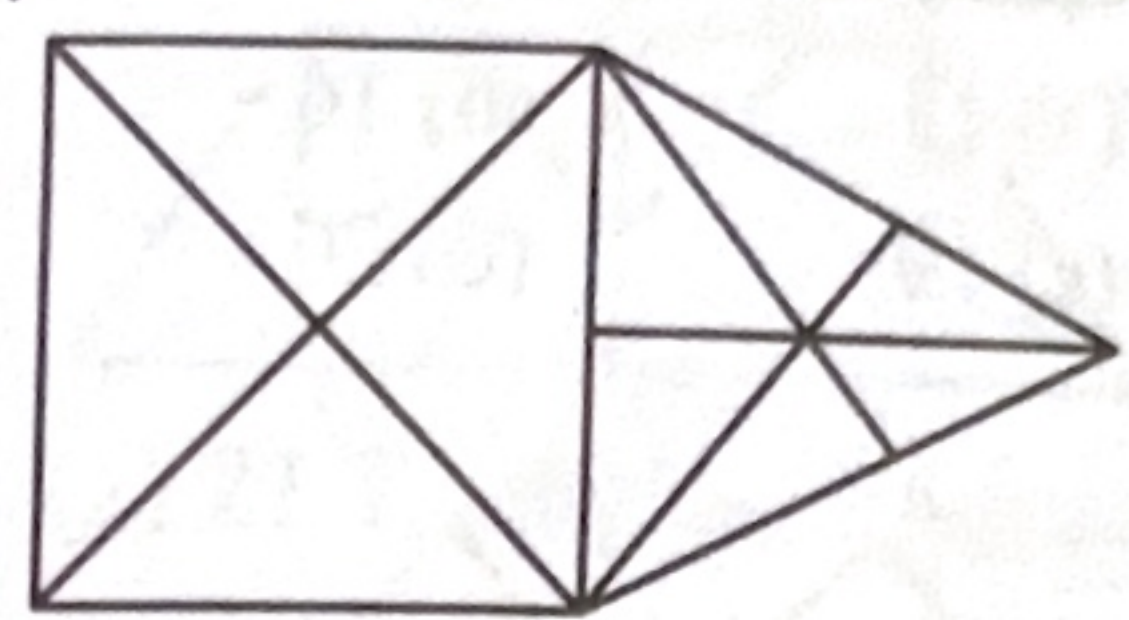
- (a) 16
- (b) 20
- (c) 18
- (d) 14

112.



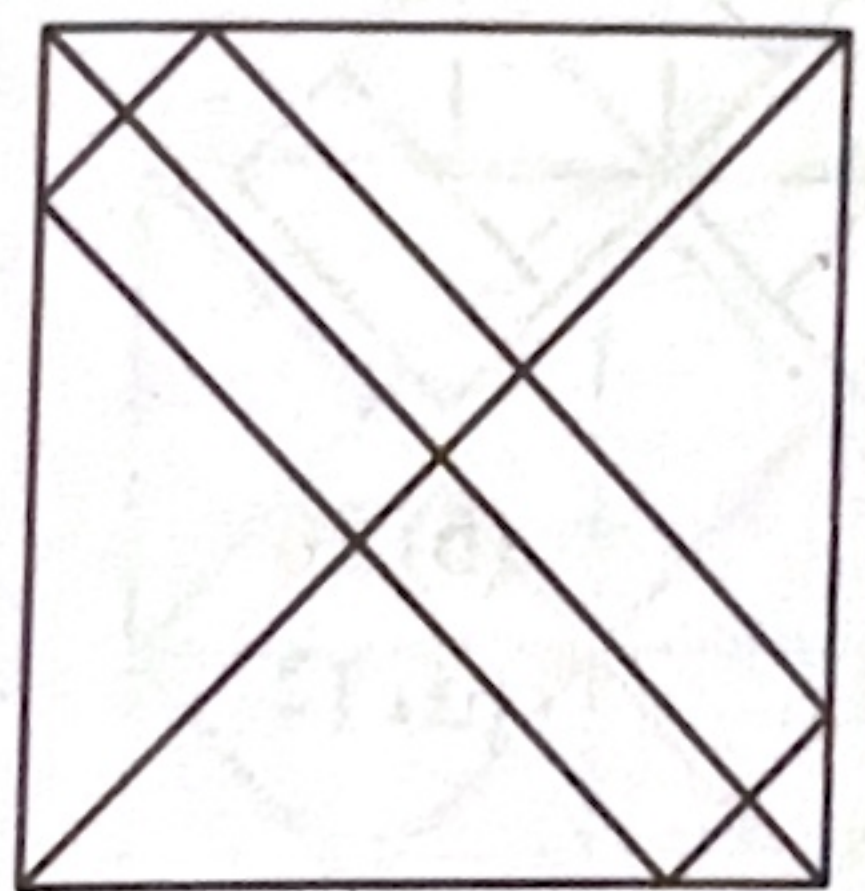
- (a) 13
- (b) 16
- (c) 14
- (d) 11

113.



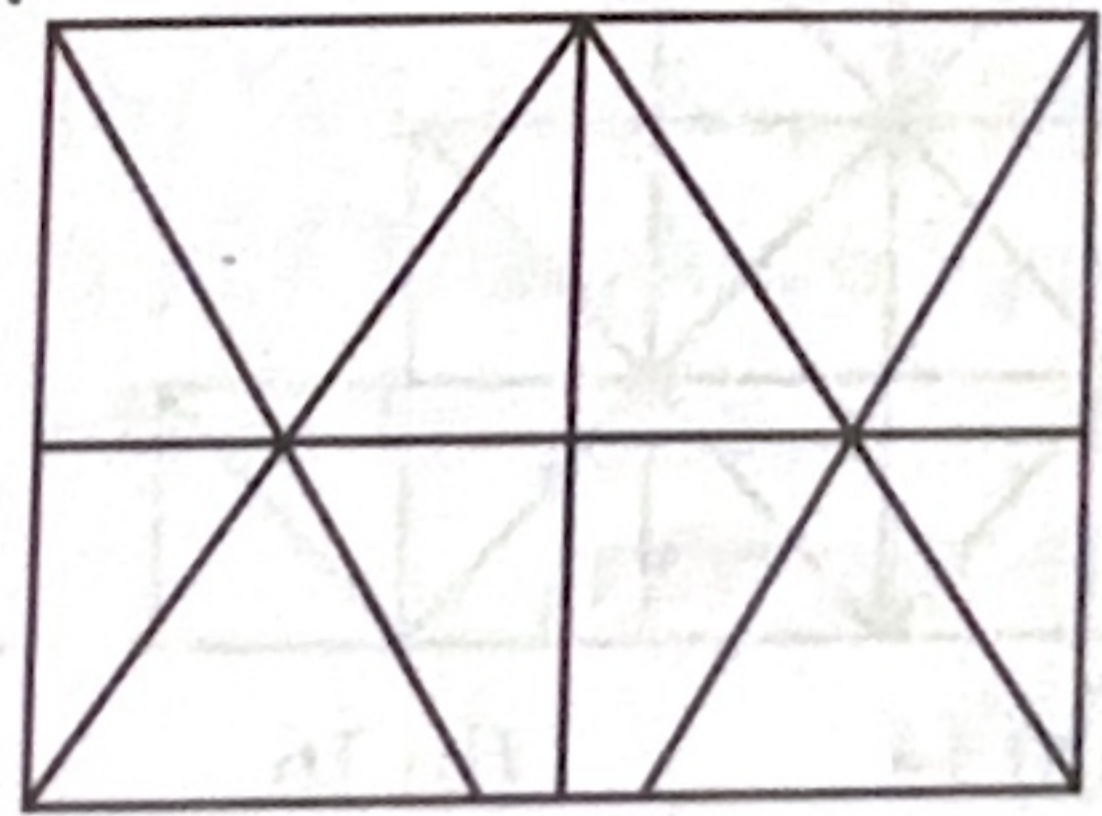
- (a) 24
- (b) 21
- (c) 14
- (d) 11

114.



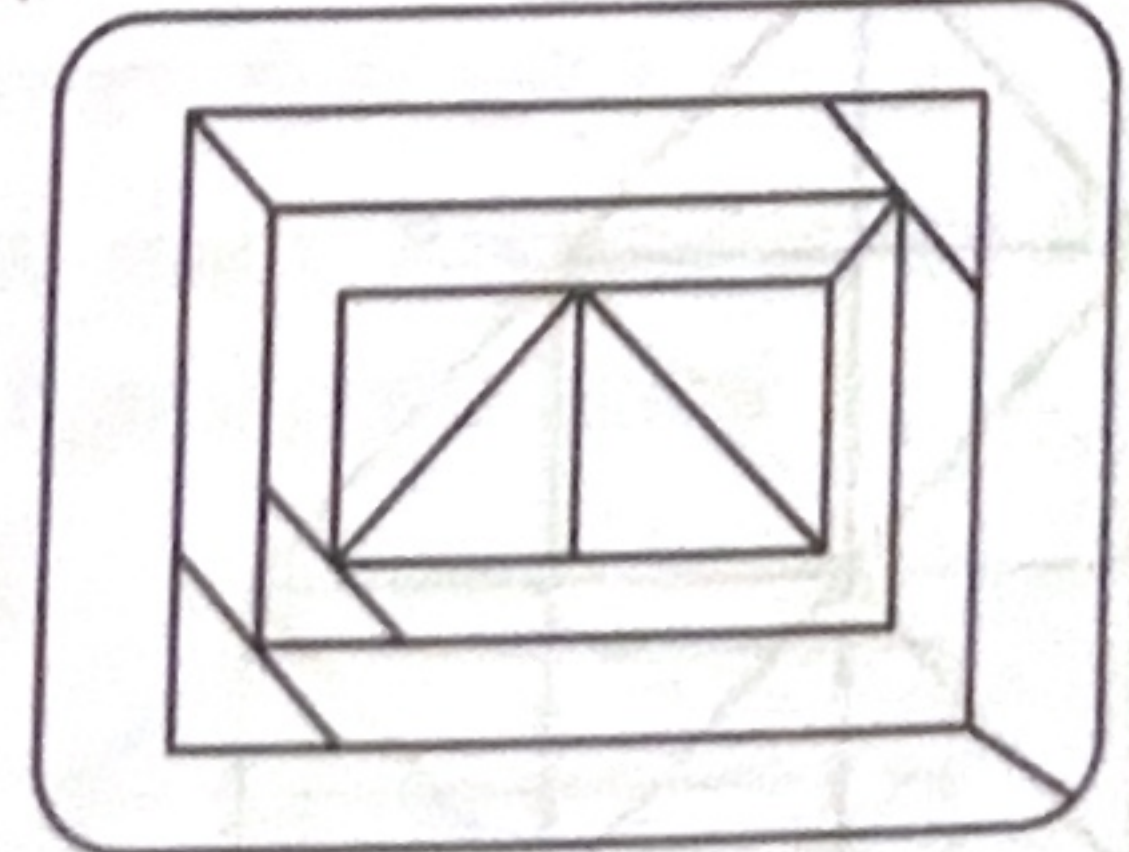
- (a) 16
- (b) 18
- (c) 20
- (d) 24

115.



- (a) 10
- (b) 20
- (c) 18
- (d) 12

116.

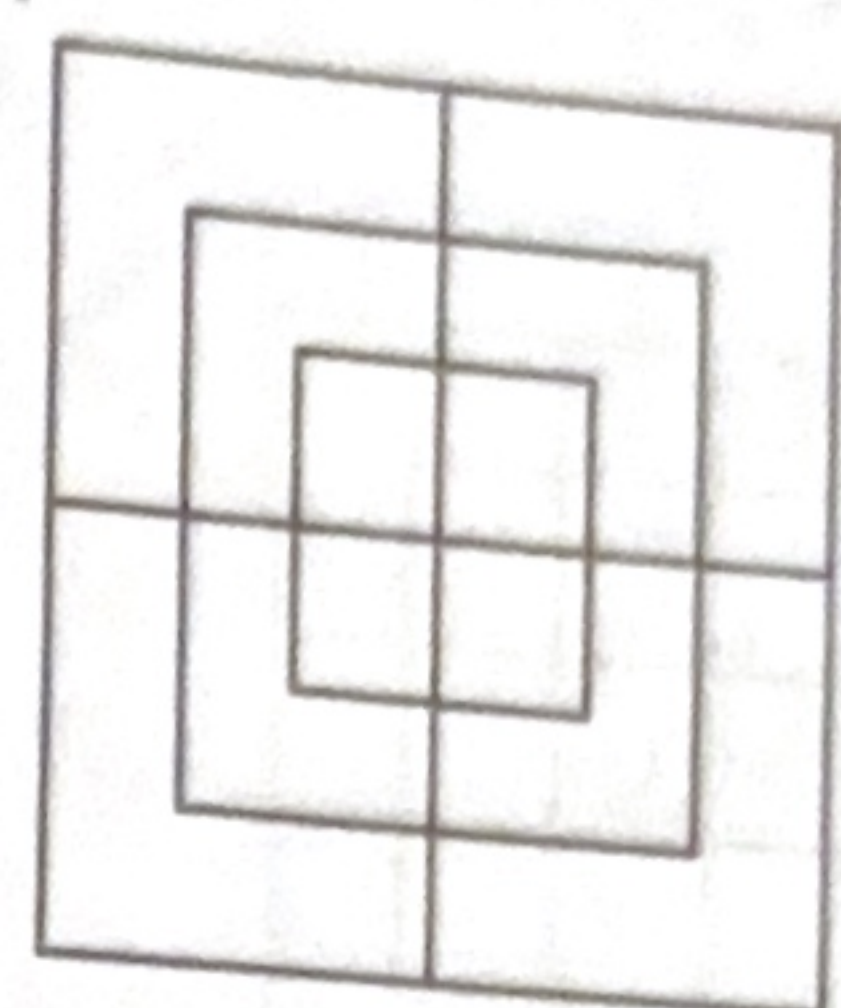


- (a) 6
- (b) 9
- (c) 8
- (d) 7

निर्देशन (Direction): Q. 117 - 136

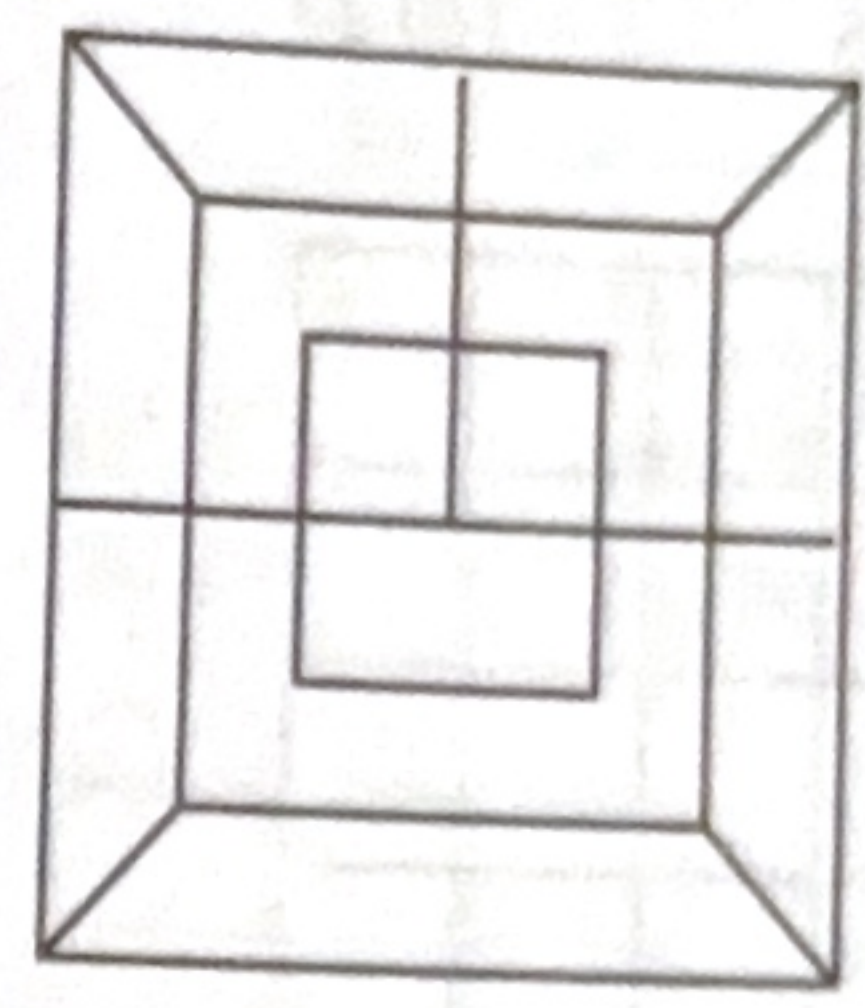
तल दिइएका आकृतिमा जम्मा कति वटा वर्गहरु रहेका छन् ?
How many Squares are there in the figure given below ?

117.



- (a) 13
- (b) 14
- (c) 15
- (d) 16

118.



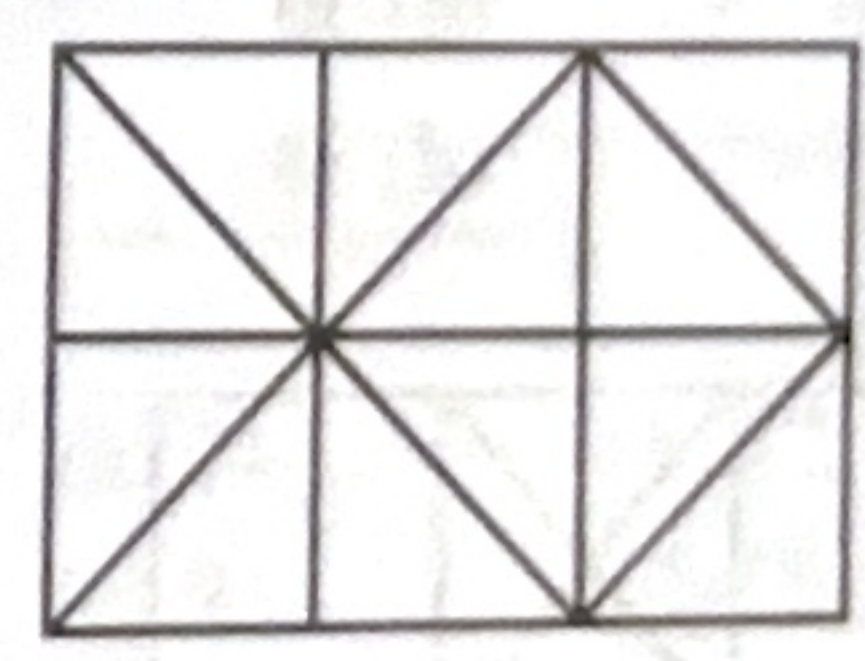
- (a) 5
- (b) 9
- (c) 7
- (d) 8

119.



- (a) 10
- (b) 16
- (c) 14
- (d) 19

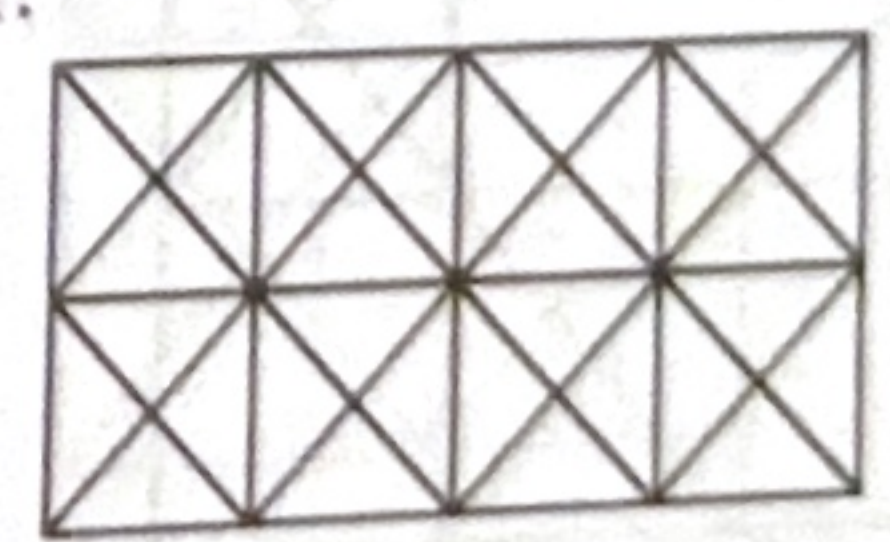
120.



- (a) 6
- (b) 7
- (c) 9
- (d) 10

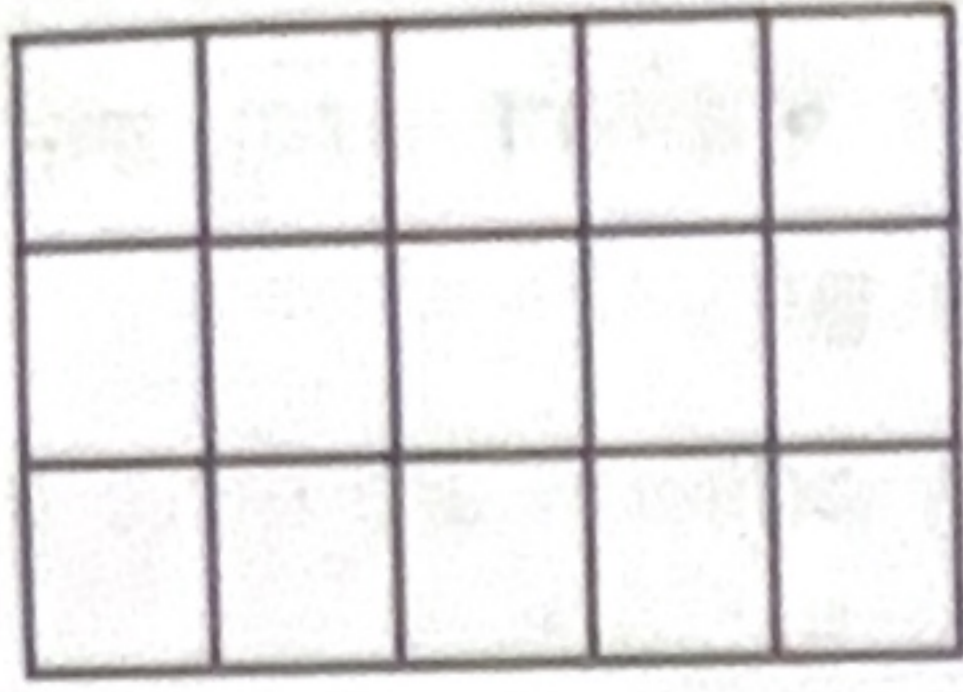
[शाखा अधिकृत 2072]

121.



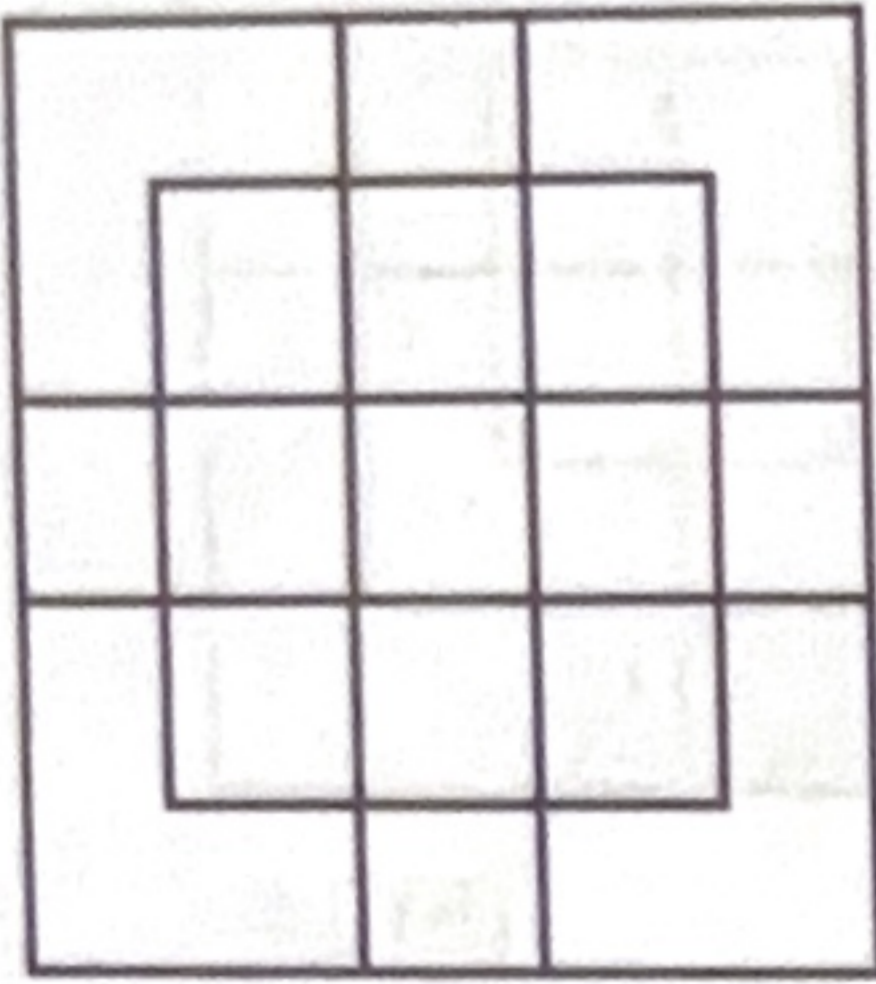
- (a) 11
- (b) 21
- (c) 24
- (d) 26

122.



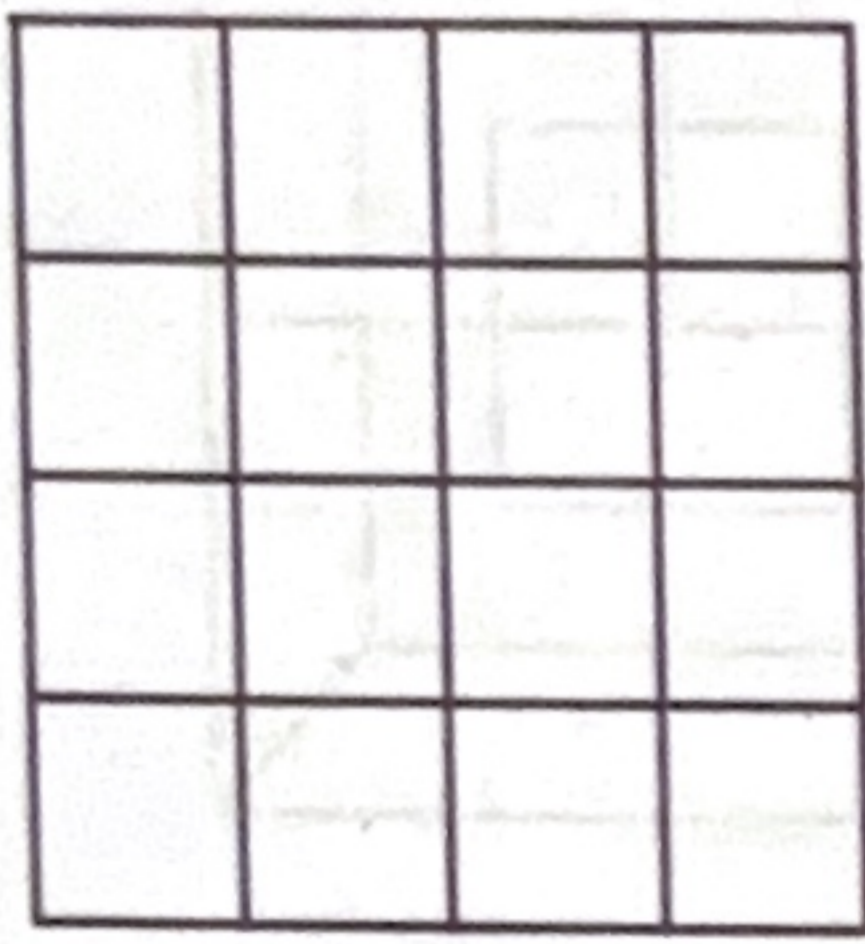
- (a) 24 (b) 25
(c) 26 (d) 27

123.



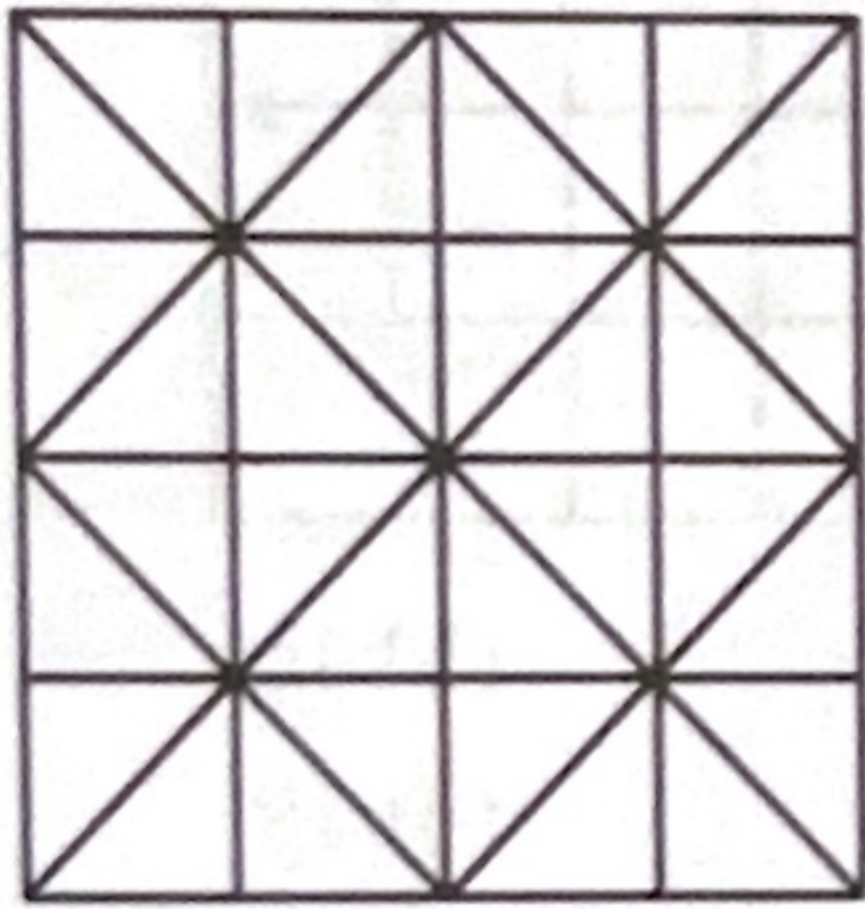
- (a) 18 (b) 19
(c) 25 (d) 27

124.



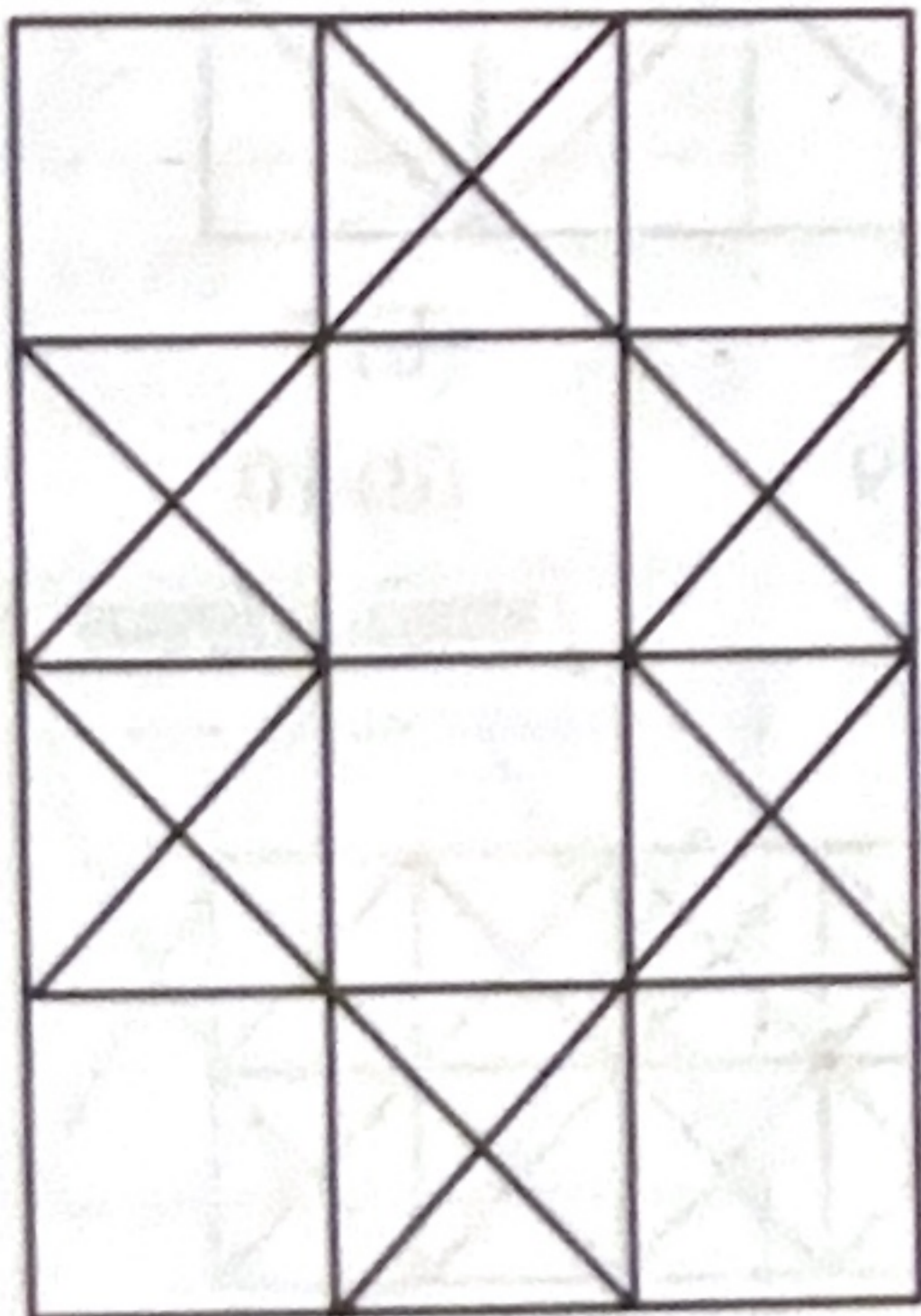
- (a) 32 (b) 30
(c) 29 (d) 28

125.



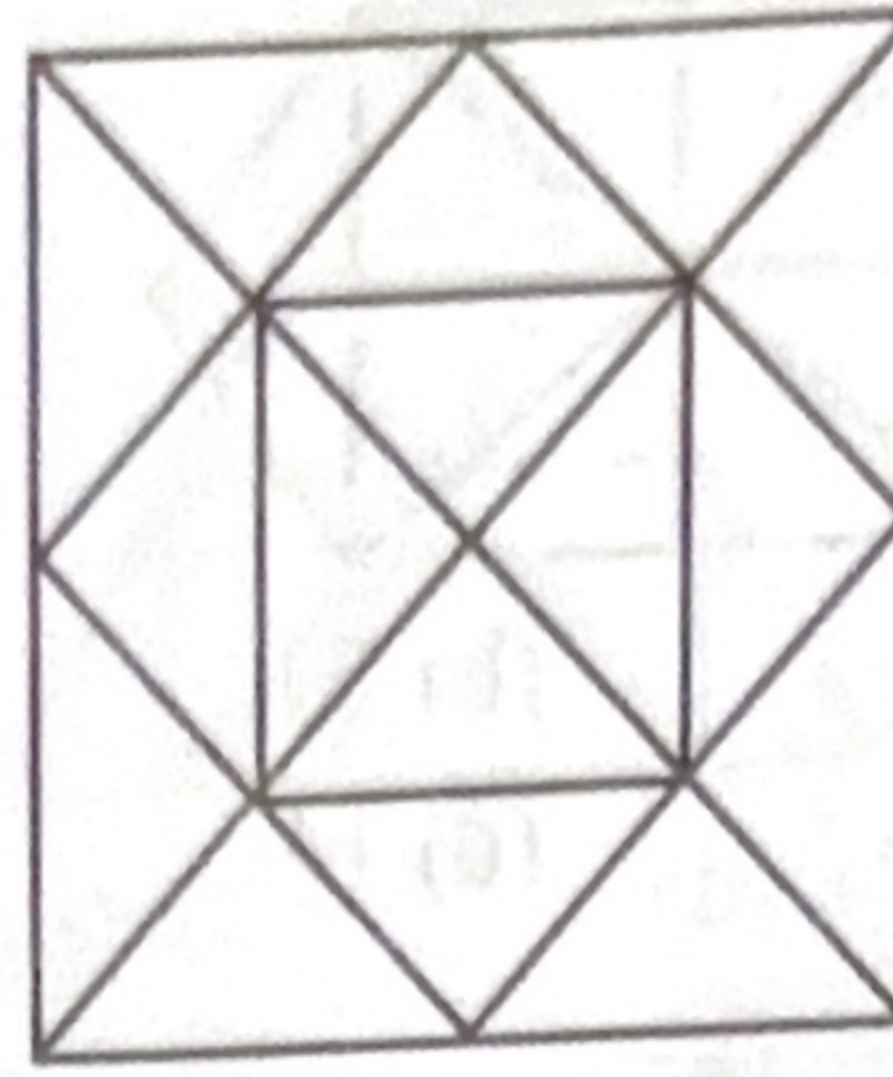
- (a) 26 (b) 30
(c) 35 (d) 38

126.



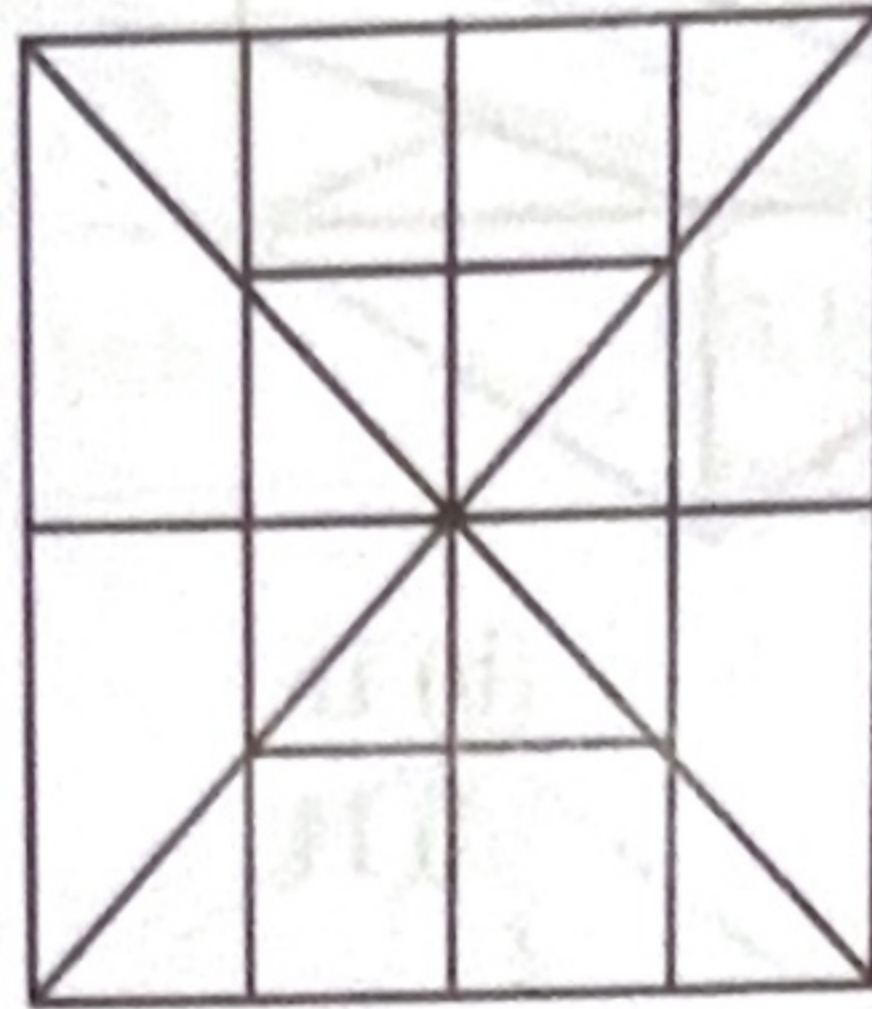
- (a) 20 (b) 23
(c) 12 (d) 18

127.



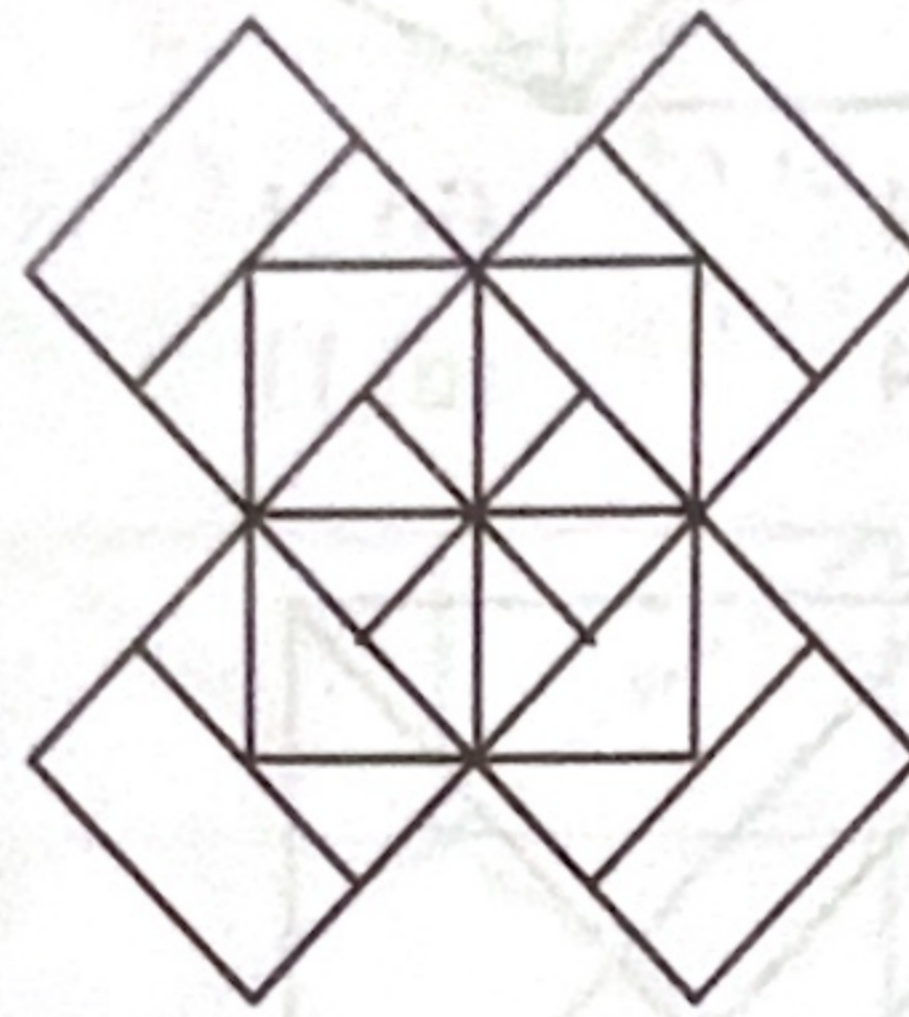
- (a) 4 (b) 5
(c) 6 (d) 7

128.



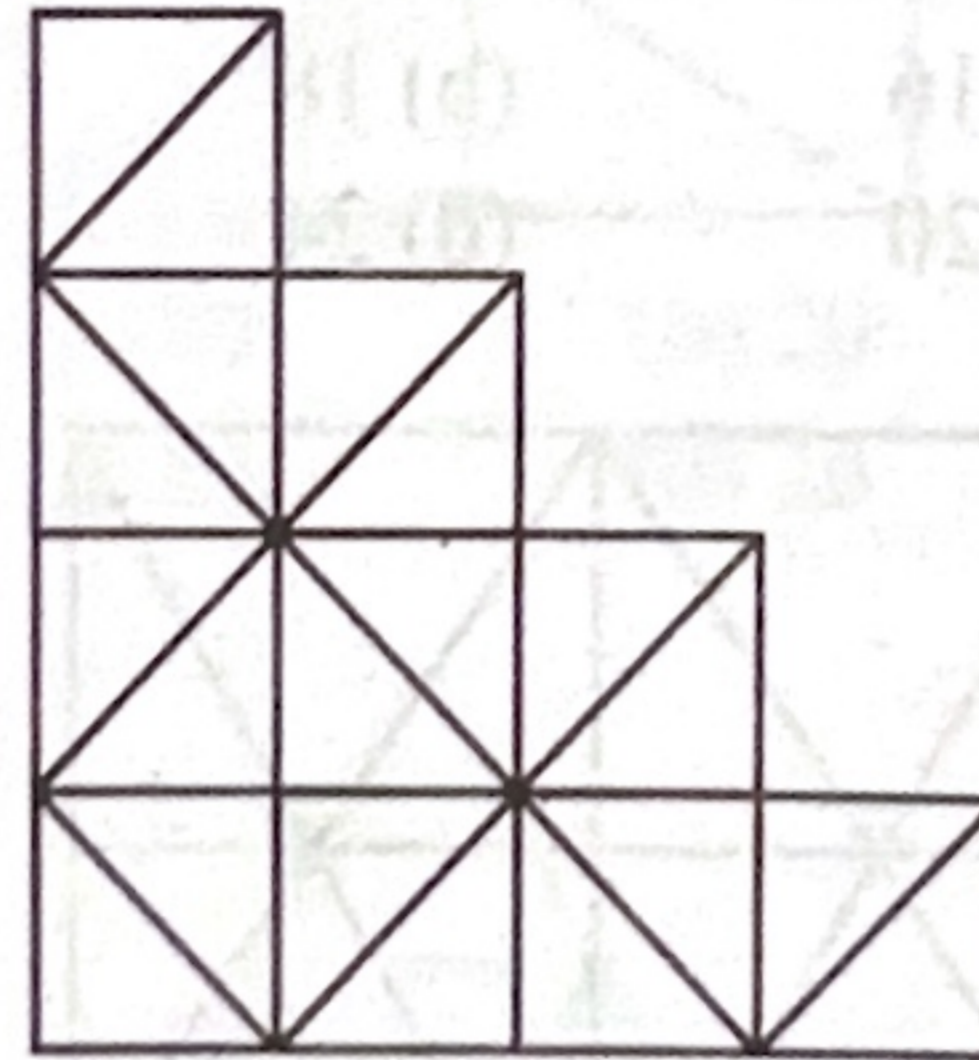
- (a) 13 (b) 16
(c) 19 (d) 20

129.



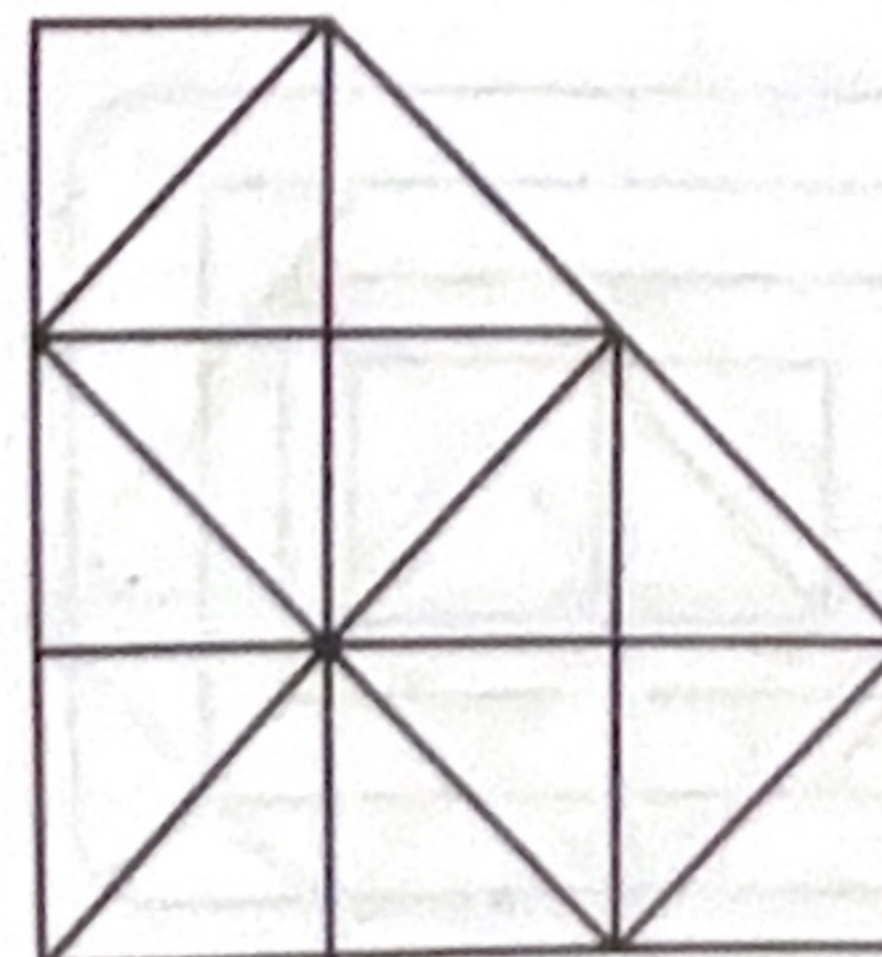
- (a) 22 (b) 20
(c) 18 (d) 14

130.



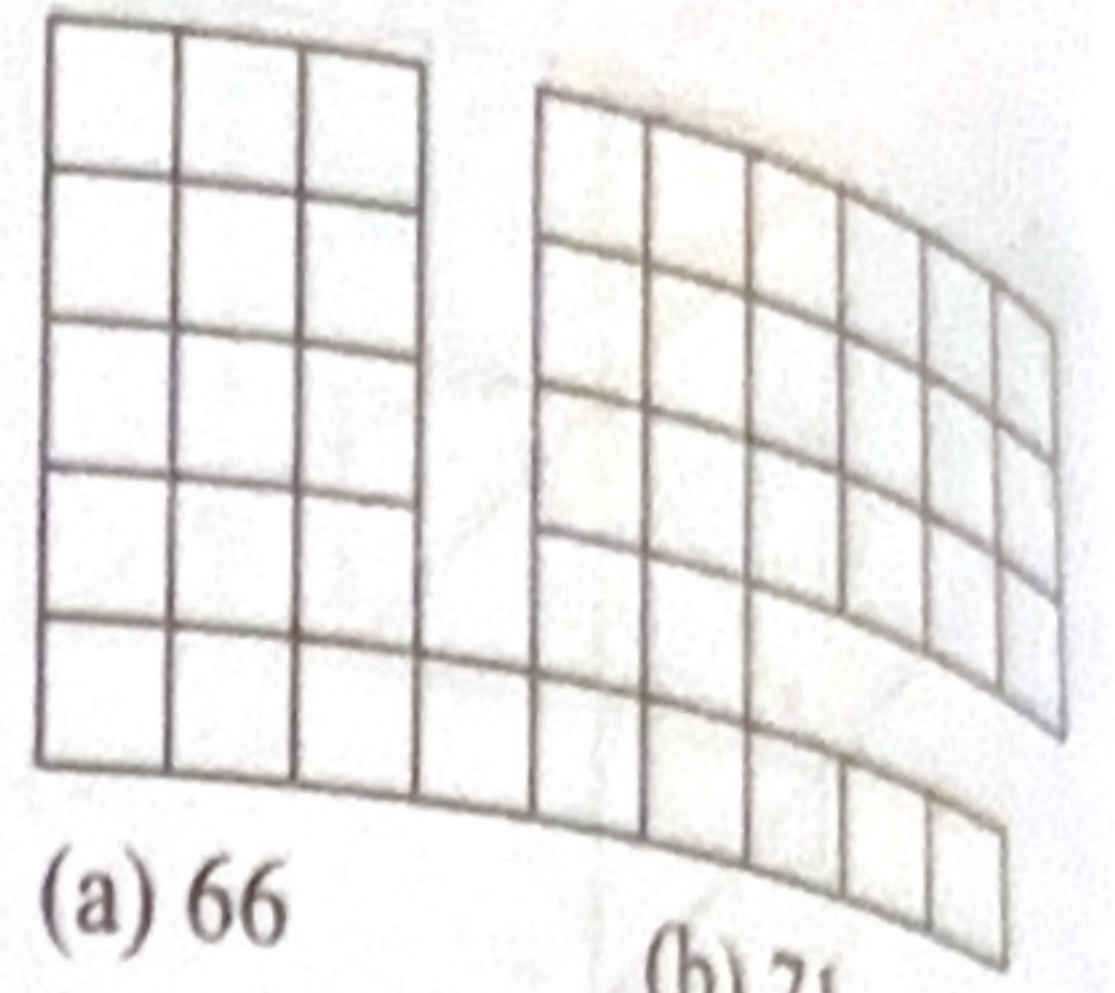
- (a) 14 (b) 16
(c) 22 (d) 12

131.



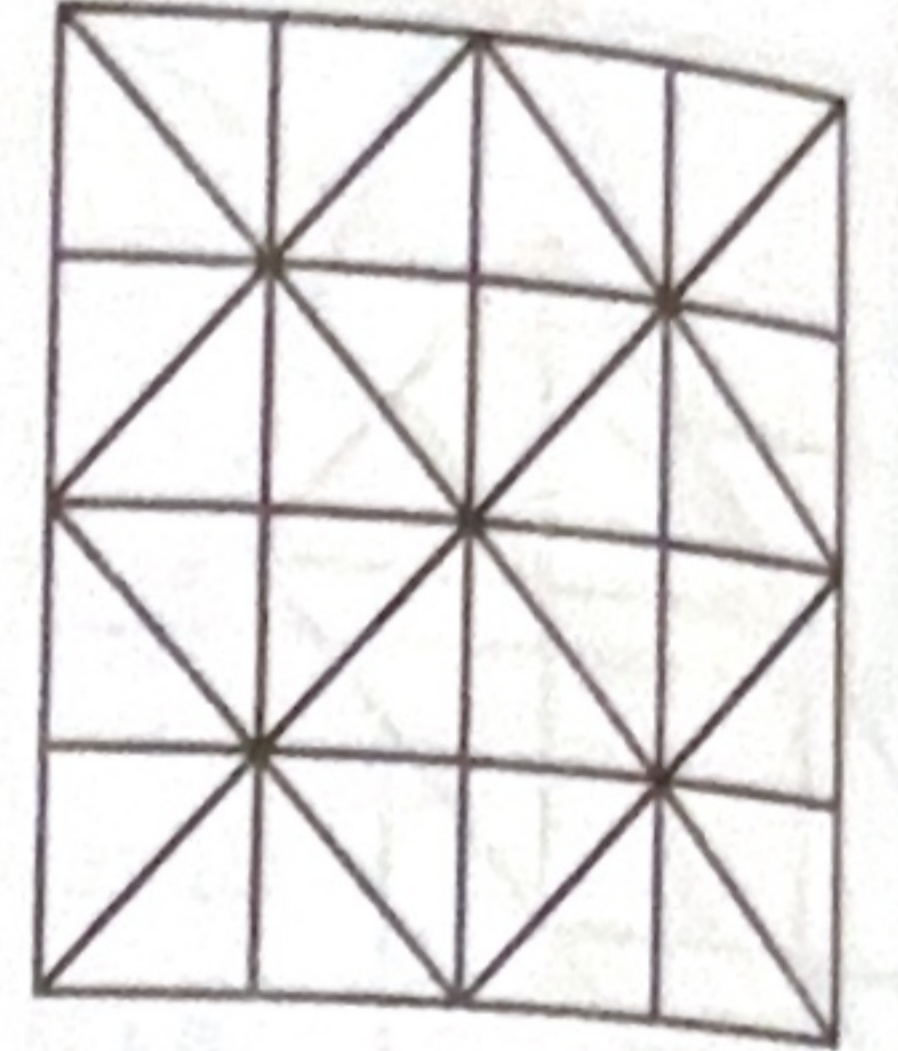
- (a) 12 (b) 11
(c) 10 (d) 9

132.



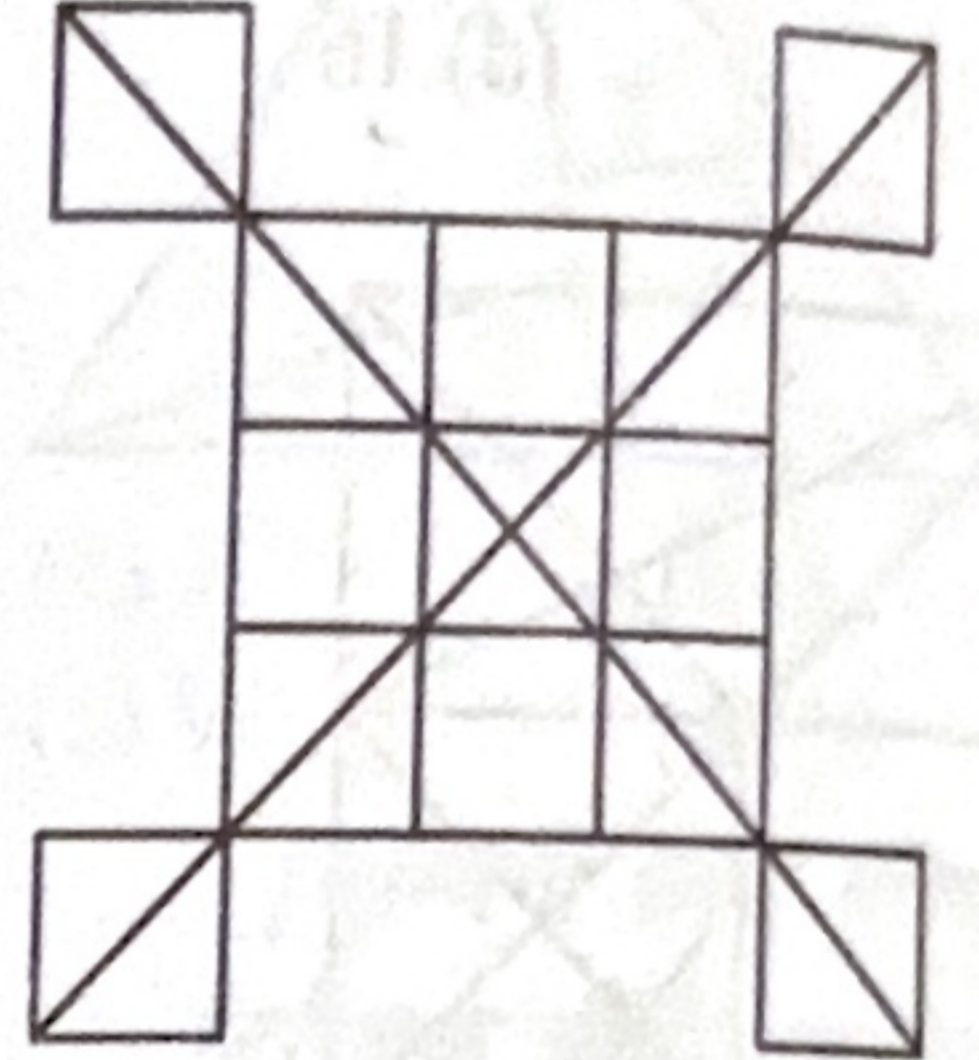
- (a) 66 (b) 71
(c) 76 (d) 57

133.



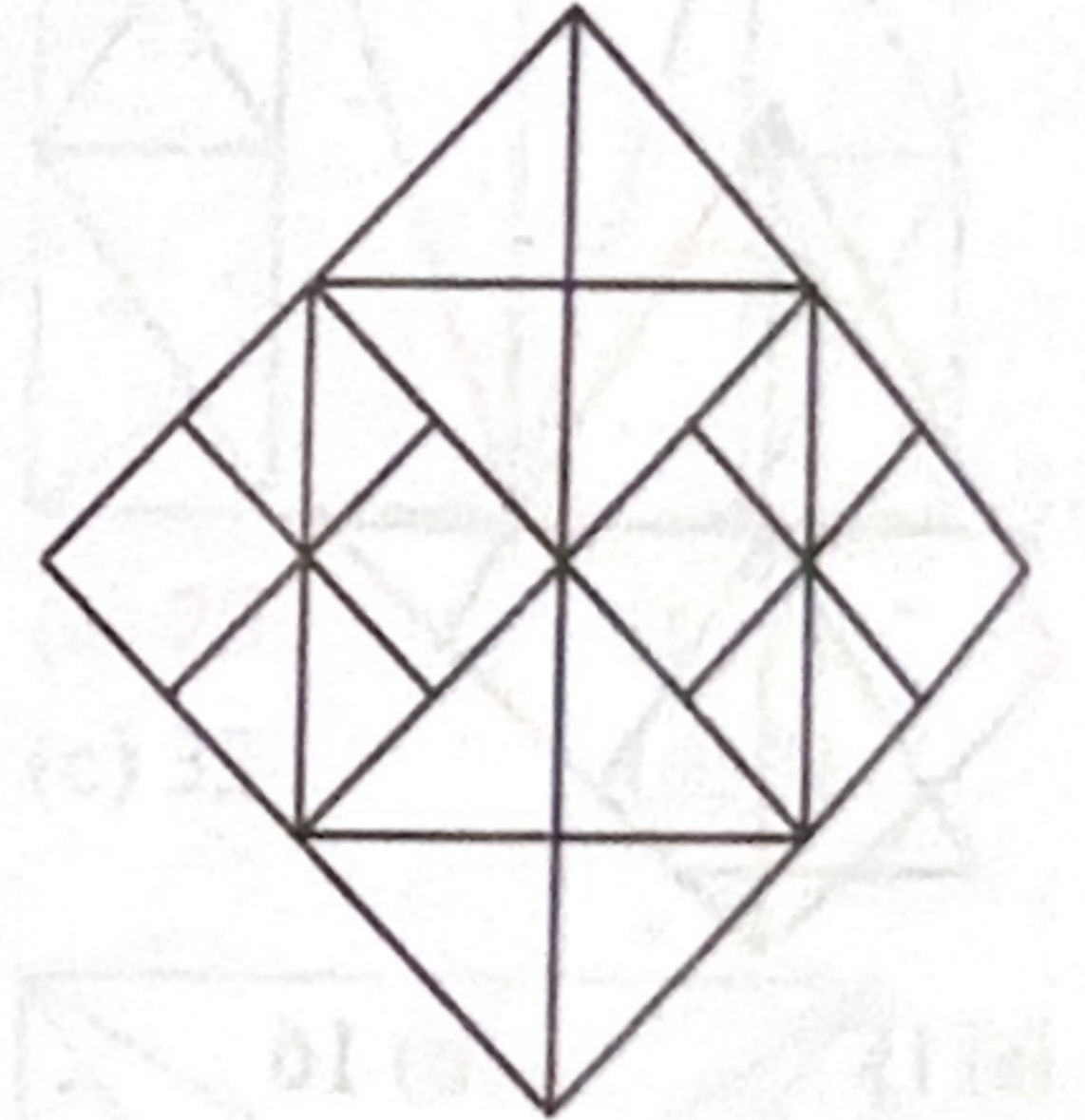
- (a) 26 (b) 30
(c) 35 (d) 38

134.



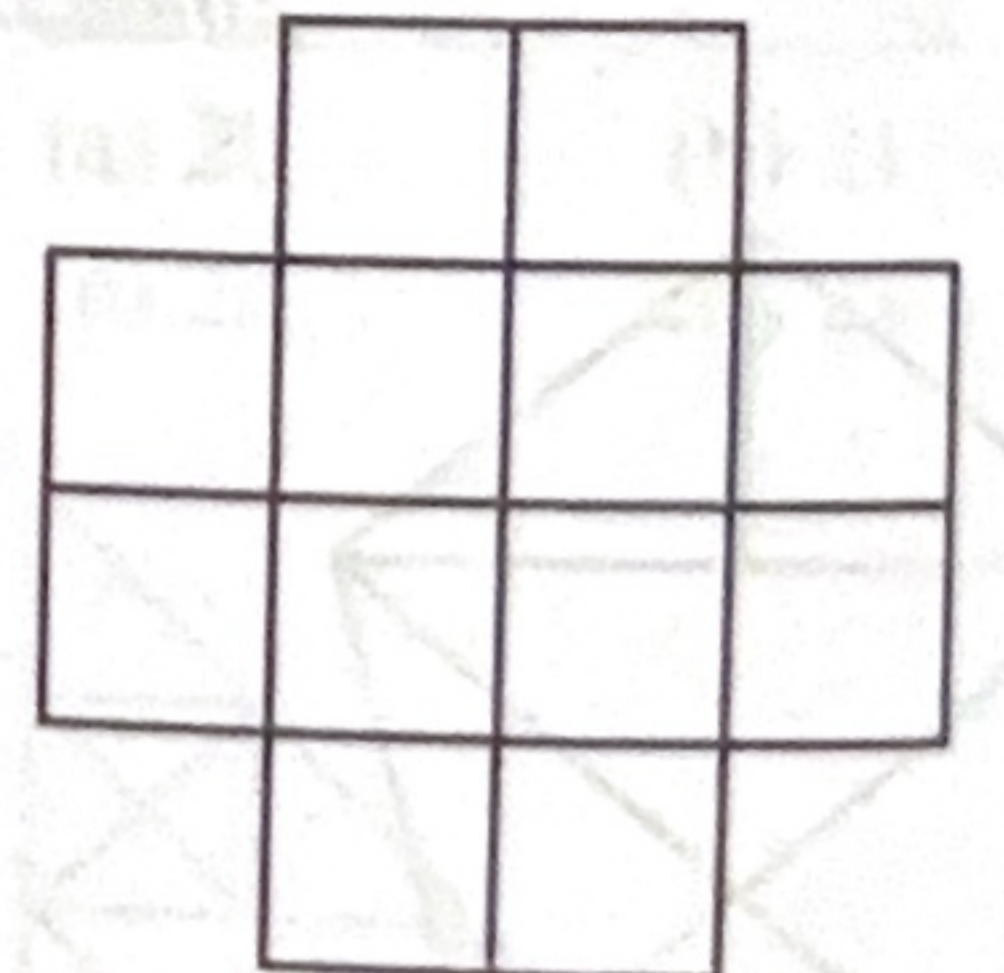
- (a) 13 (b) 14
(c) 17 (d) 18

135.



- (a) 12 (b) 18
(c) 16 (d) 14

136.



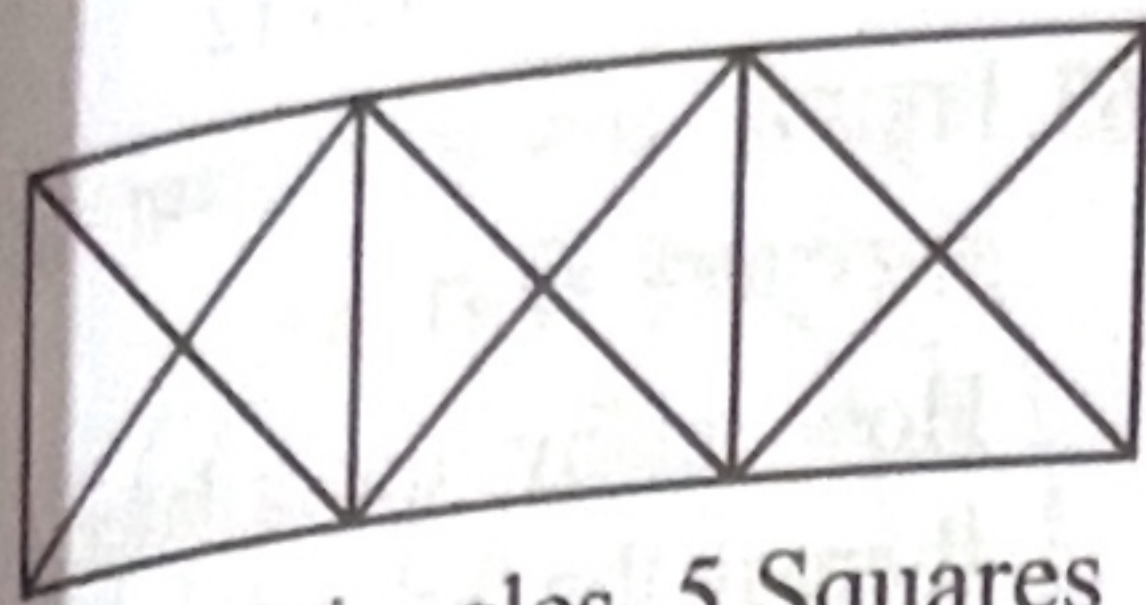
- (a) 15 (b) 17
(c) 18 (d) 20

[शाखा अधिकृत
2078/4/23]

निर्देशन (Direction): Q. 137 - 143

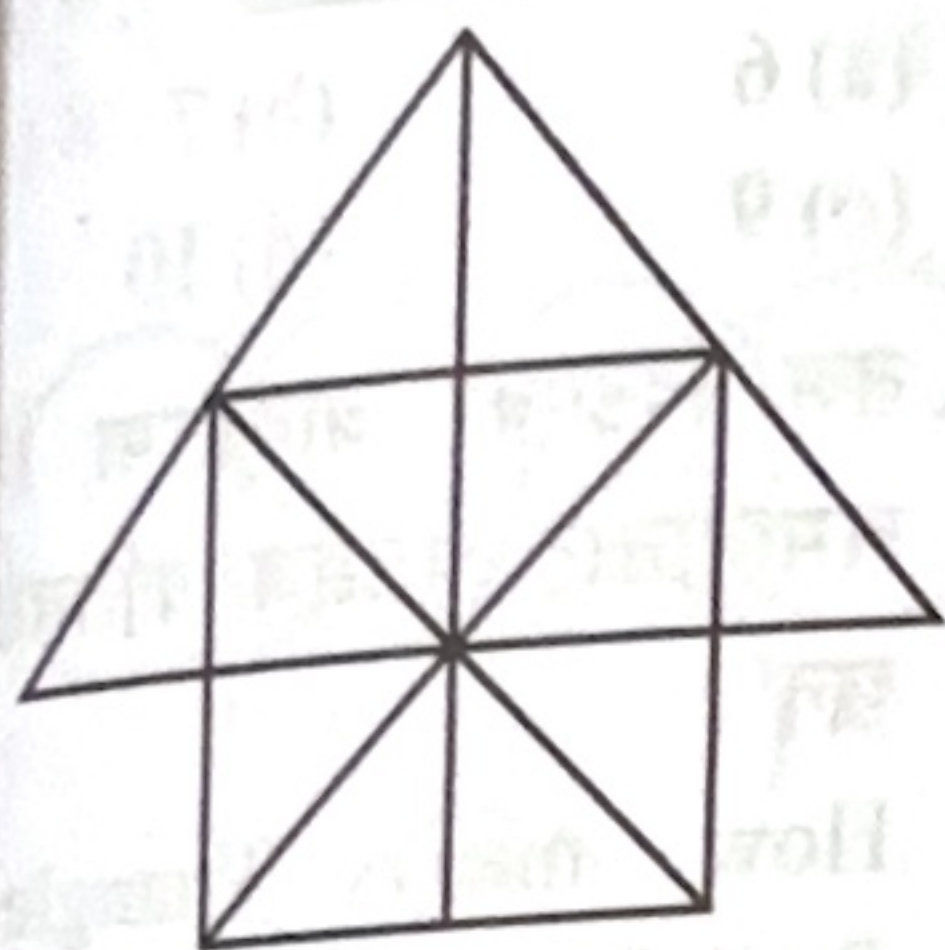
तल दिइएका आकृतिमा जम्मा कतिवटा त्रिभुज र वर्ग रहेका छन् ?
How many Triangles and Square are there in the figure given below ?

137.



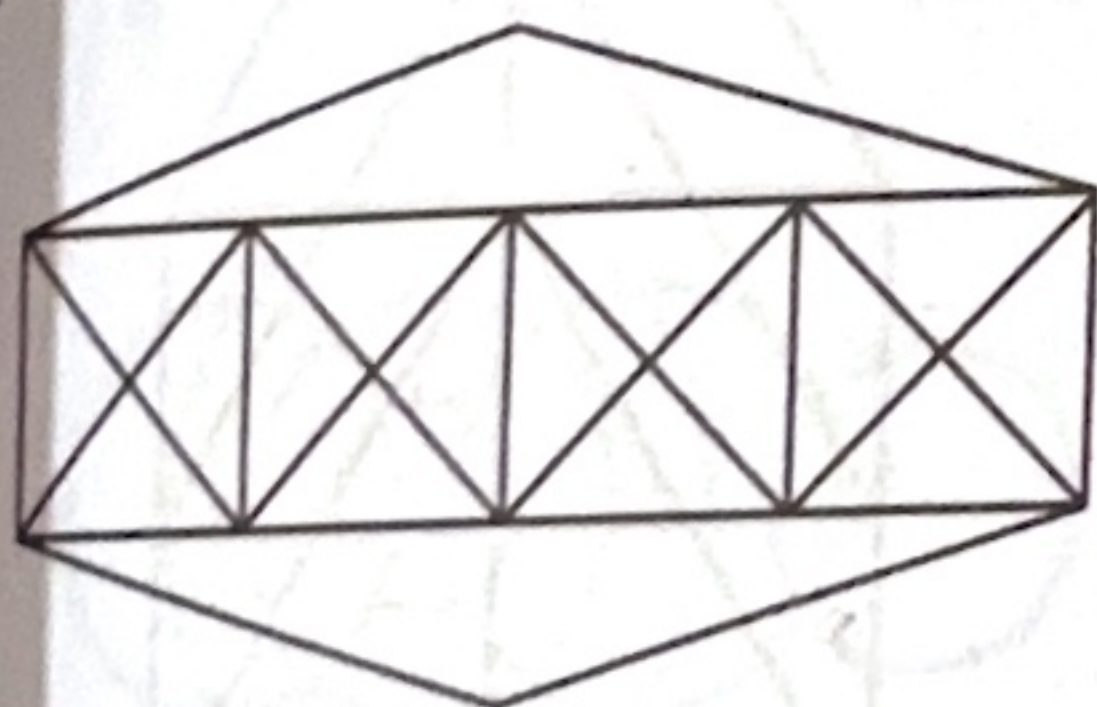
- (a) 28 Triangles, 5 Squares
- (b) 24 Triangles, 4 Squares
- (c) 28 Triangles, 4 Squares
- (d) 24 Triangles, 5 Squares

138.



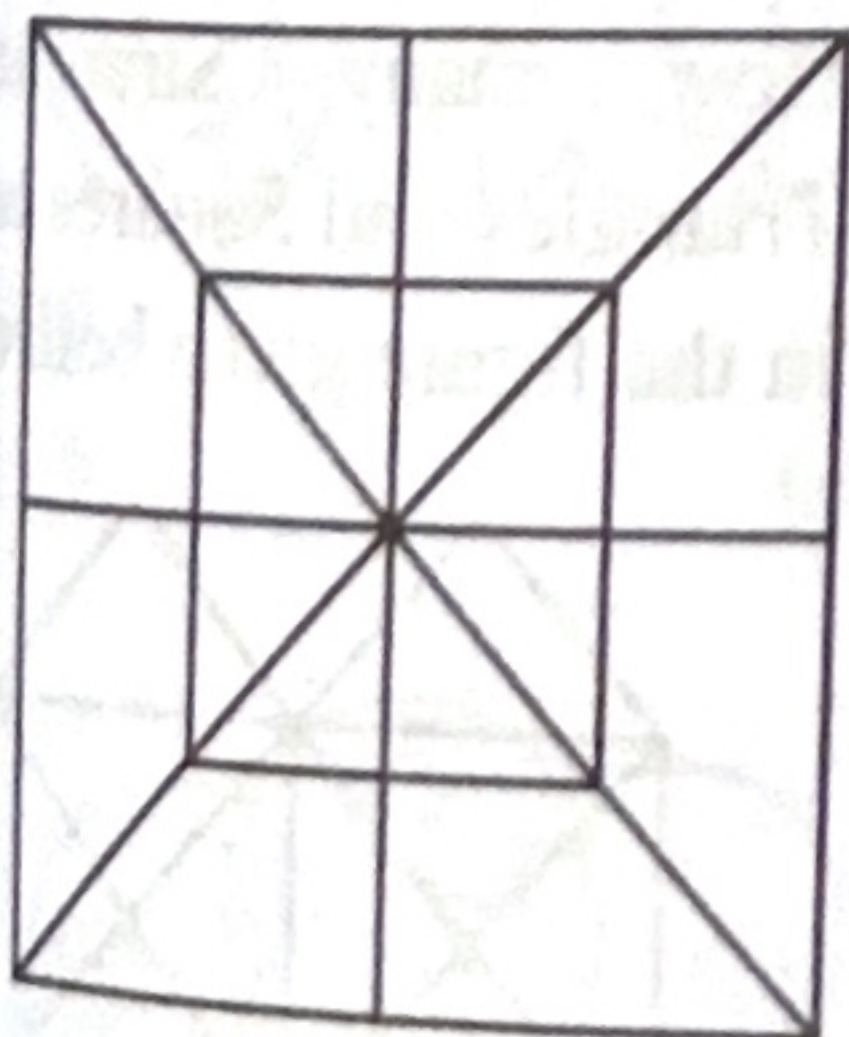
- (a) 26 Triangles, 5 Squares
- (b) 28 Triangles, 5 Squares
- (c) 26 Triangles, 5 Squares
- (d) 28 Triangles, 6 Squares

139.



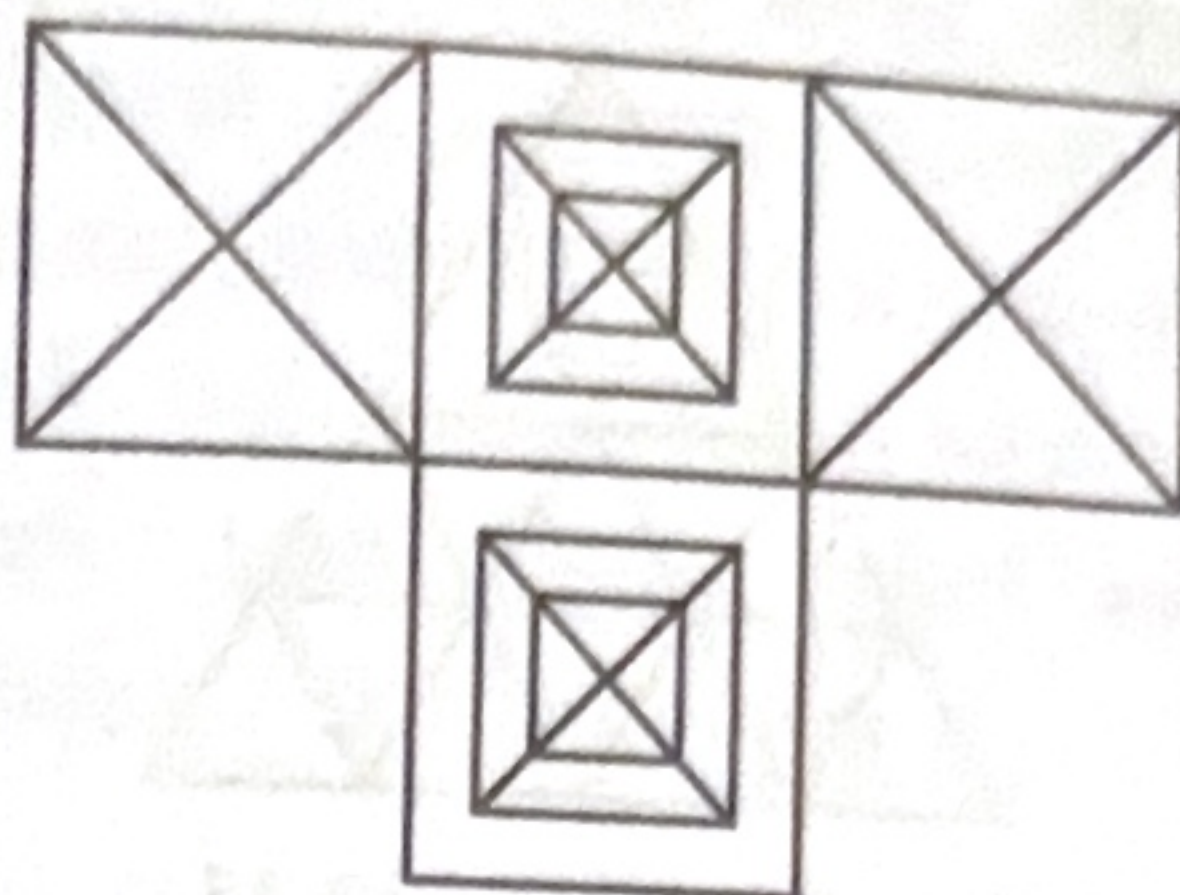
- (a) 36 Triangles, 7 Squares
- (b) 38 Triangles, 9 Squares
- (c) 40 Triangles, 7 Squares
- (d) 42 Triangles, 9 Squares

140.



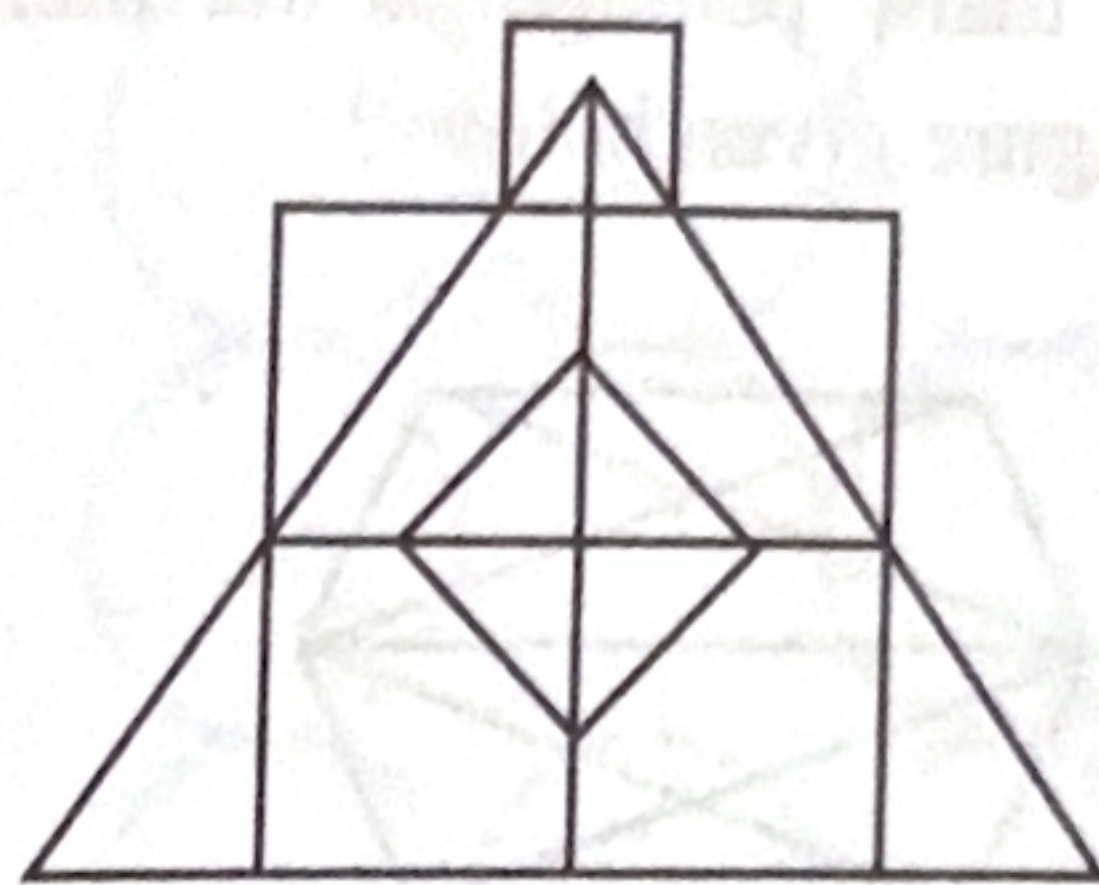
- (a) 28 Triangles, 10 Squares
- (b) 28 Triangles, 8 Squares
- (c) 32 Triangles, 10 Squares
- (d) 32 Triangles, 8 Squares

141.



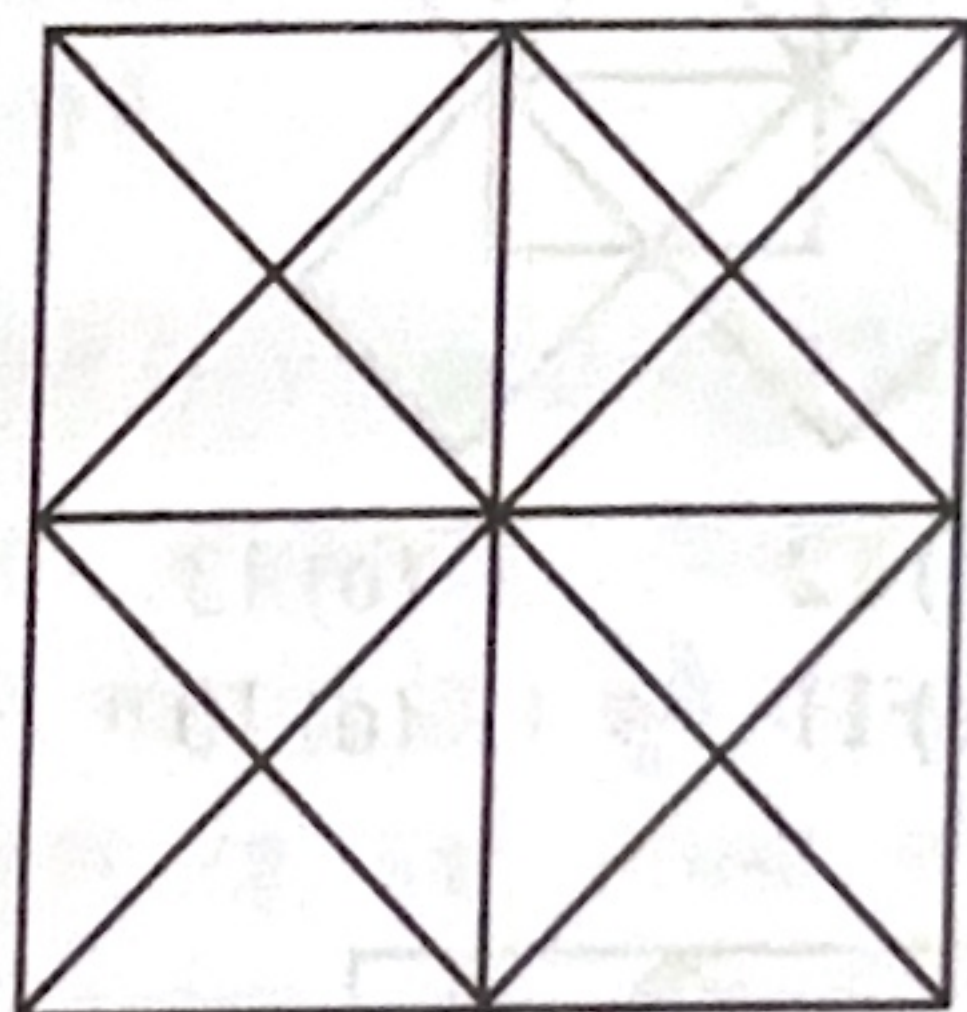
- (a) 32 Triangles, 8 Squares
- (b) 48 Triangles, 8 Squares
- (c) 40 Triangles, 8 Squares
- (d) 50 Triangles, 8 Squares

142.



- (a) 21 Triangles, 7 Squares
- (b) 18 Triangles, 8 Squares
- (c) 20 Triangles, 8 Squares
- (d) 22 Triangles, 7 Squares

143.



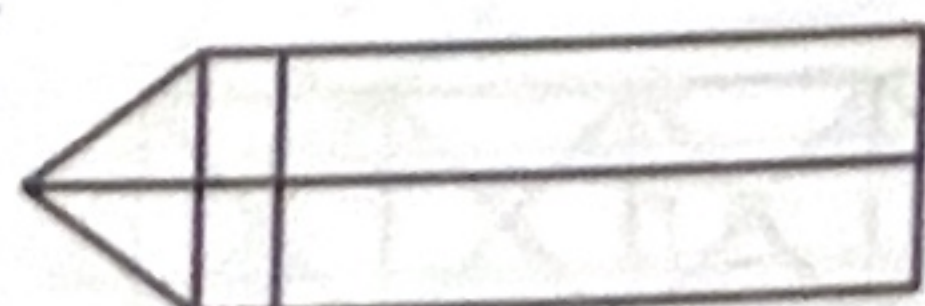
- (a) 44 Triangles, 10 Squares
- (b) 14 Triangles, 16 Squares
- (c) 27 Triangles, 6 Squares
- (d) 36 Triangles, 9 Squares

[मधेश प्रदेश चौथो तह
2079/6/1]

निर्देशन (Direction): Q. 144 - 150

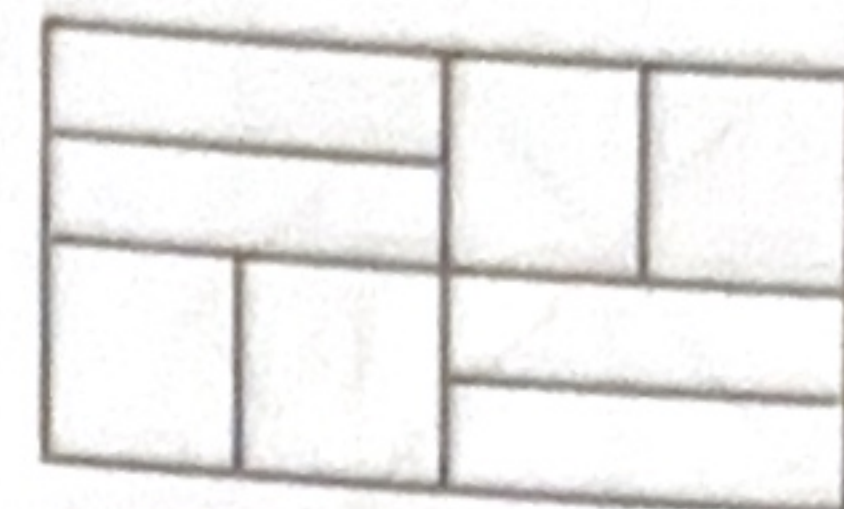
तल दिइएका आकृतिमा जम्मा कतिवटा आयतहरु रहेका छन् ?
How many Rectangles are there in the figure given below ?

144.



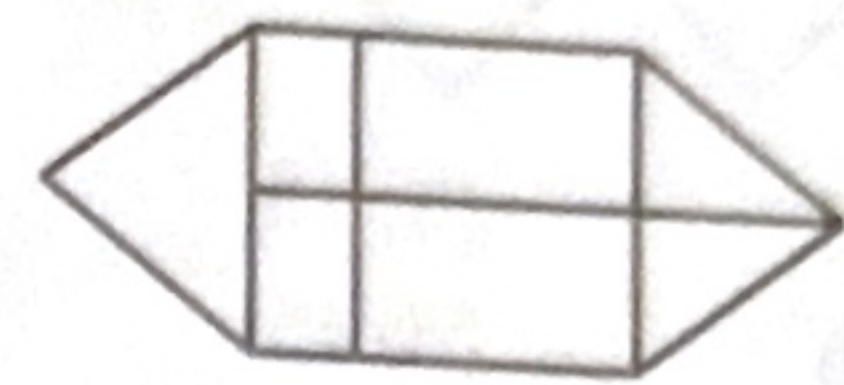
- (a) 7
- (b) 8
- (c) 9
- (d) 12

145.



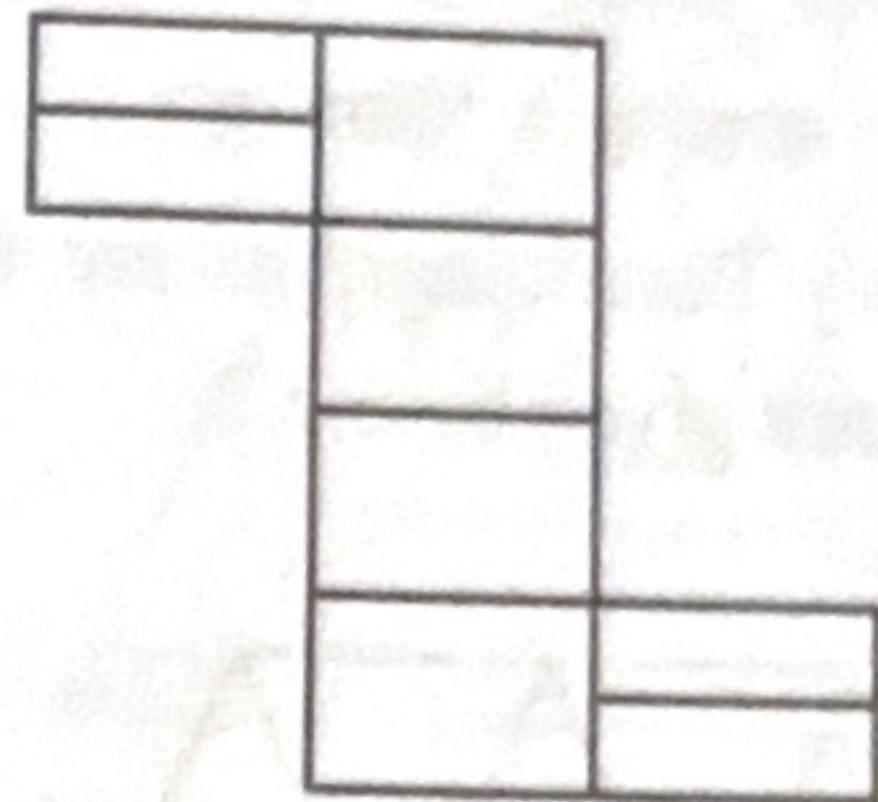
- (a) 24
- (b) 16
- (c) 21
- (d) 14

146.



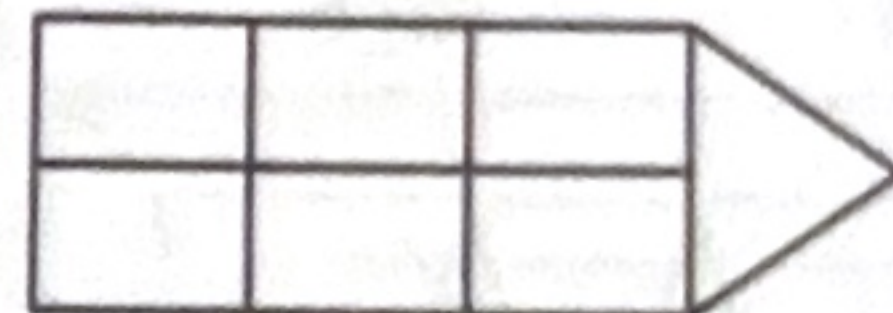
- (a) 10
- (b) 9
- (c) 8
- (d) 7

147.



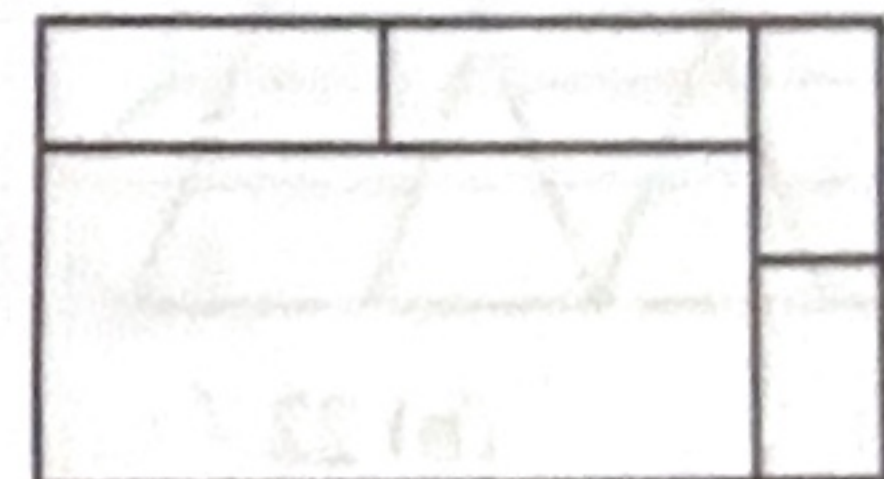
- (a) 8
- (b) 18
- (c) 17
- (d) 20

148.



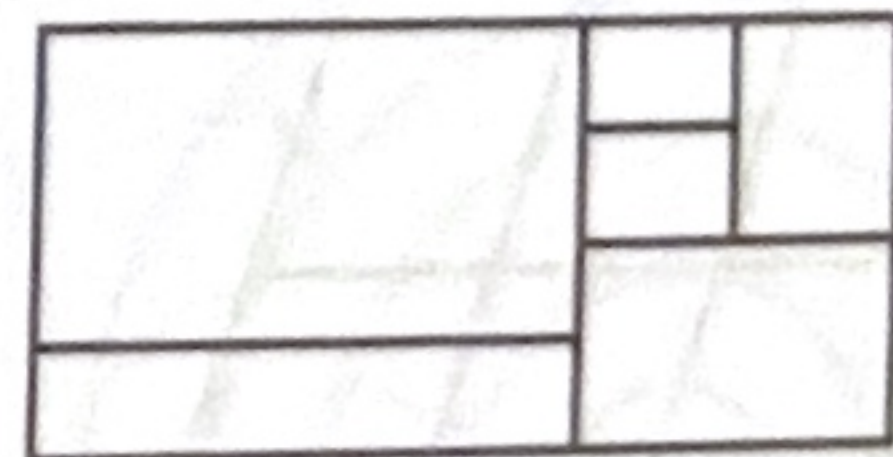
- (a) 4
- (b) 7
- (c) 19
- (d) 18

149.



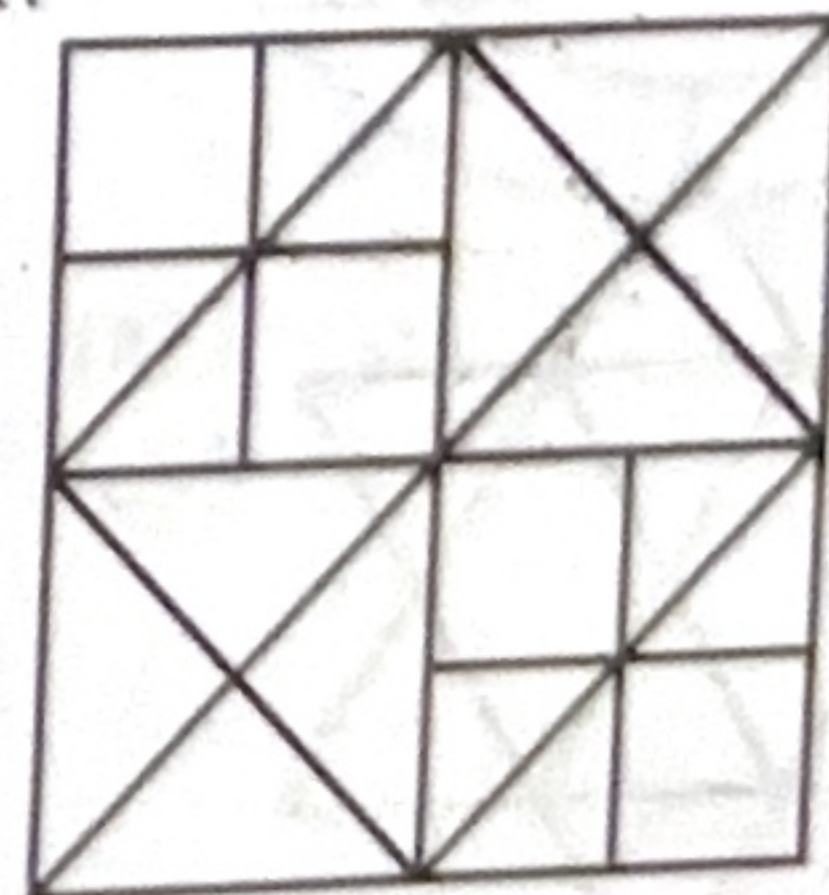
- (a) 6
- (b) 7
- (c) 8
- (d) 9

150.



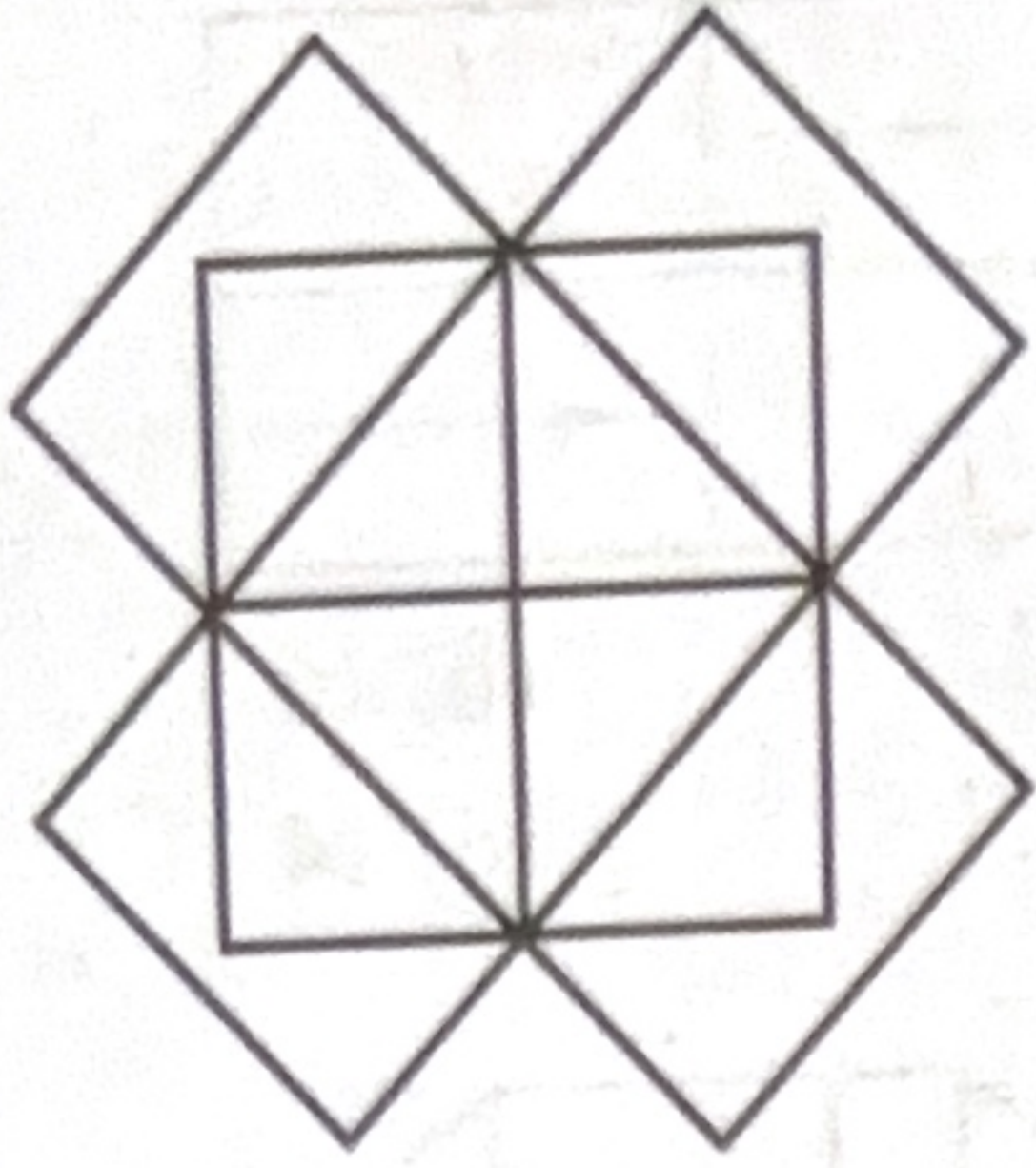
- (a) 11
- (b) 12
- (c) 9
- (d) 10

151.



- (a) 16
- (b) 13
- (c) 12
- (d) 14

152.

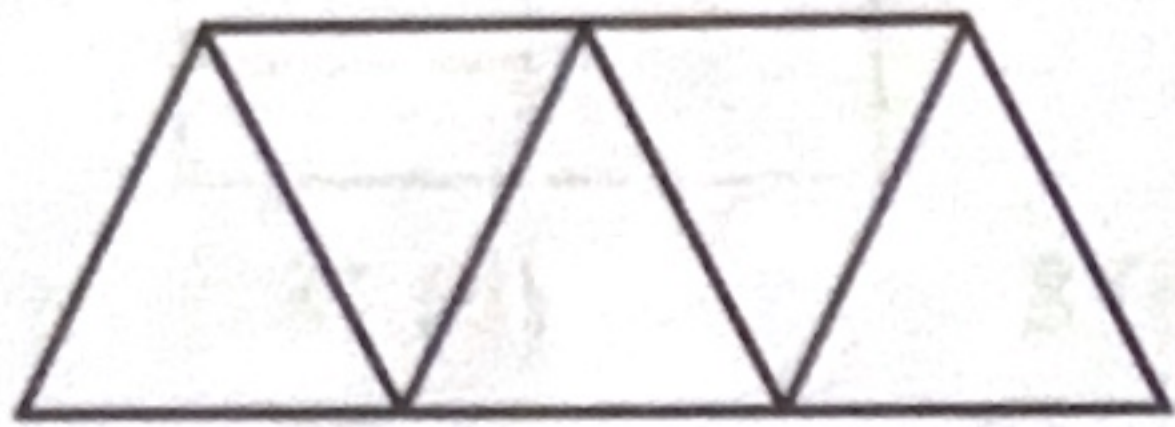


- (a) 20 (b) 18
(c) 16 (d) 15

निर्देशन (Direction): Q. 153 - 157

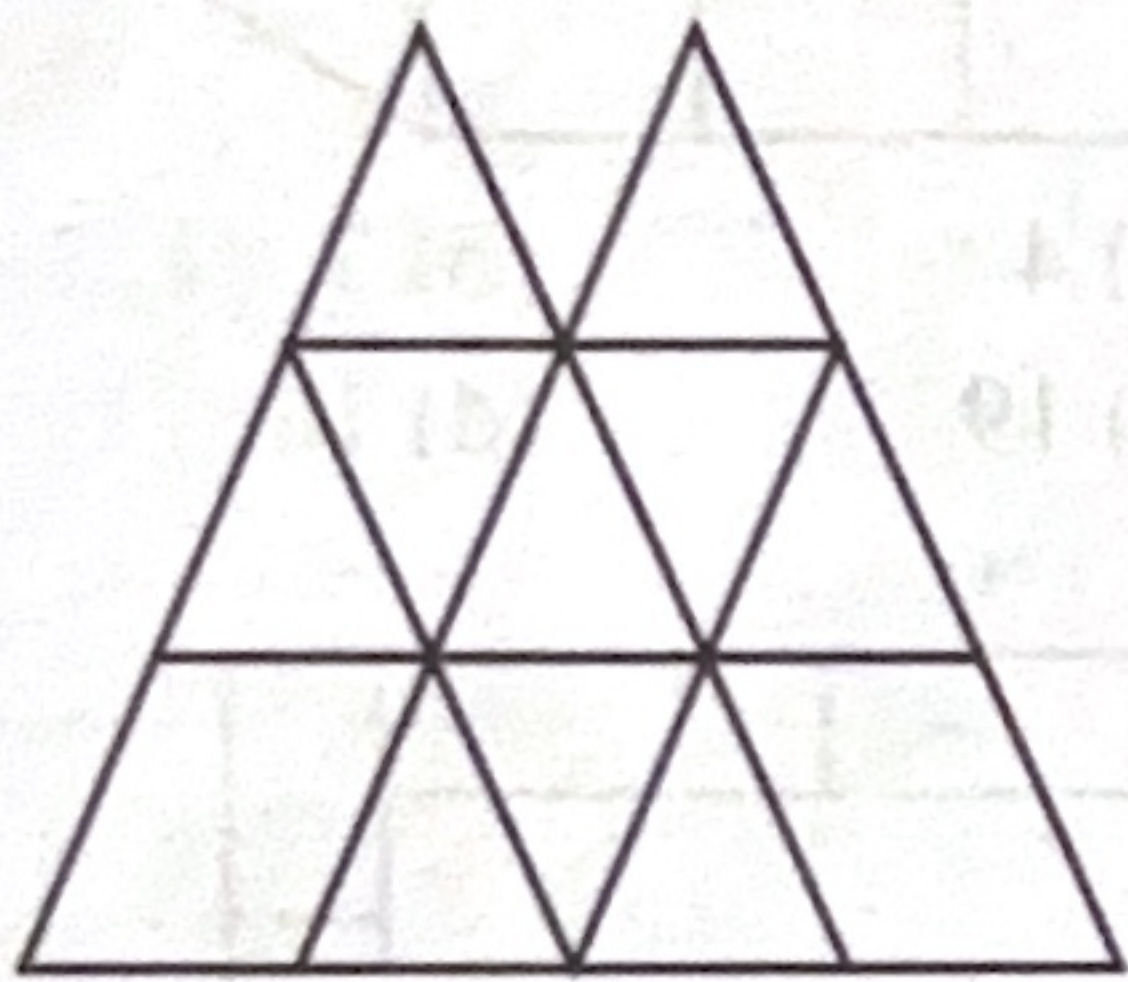
तल दिईएका आकृतिमा जम्मा कतिवटा समानान्तर चतर्भुजहरु रहेका छन् ?
How many Parallelograms are there in the figure given below ?

153.



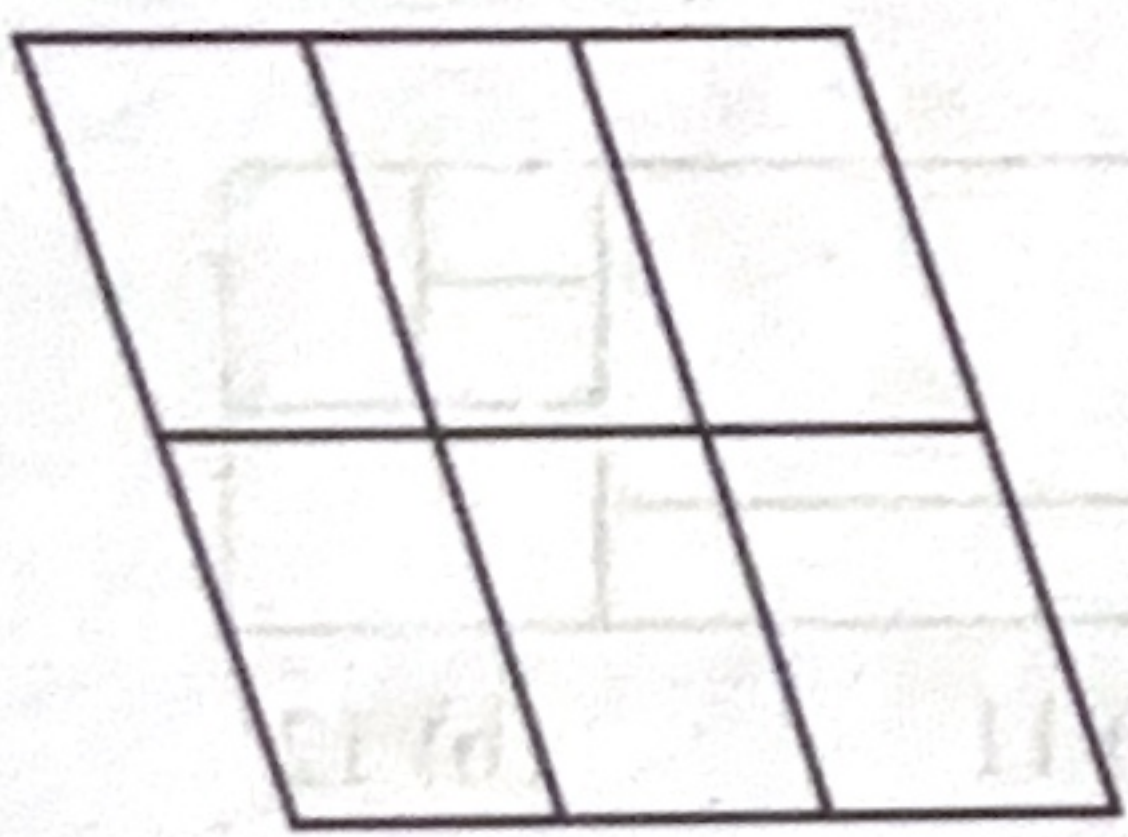
- (a) 3 (b) 4
(c) 5 (d) 6

154.



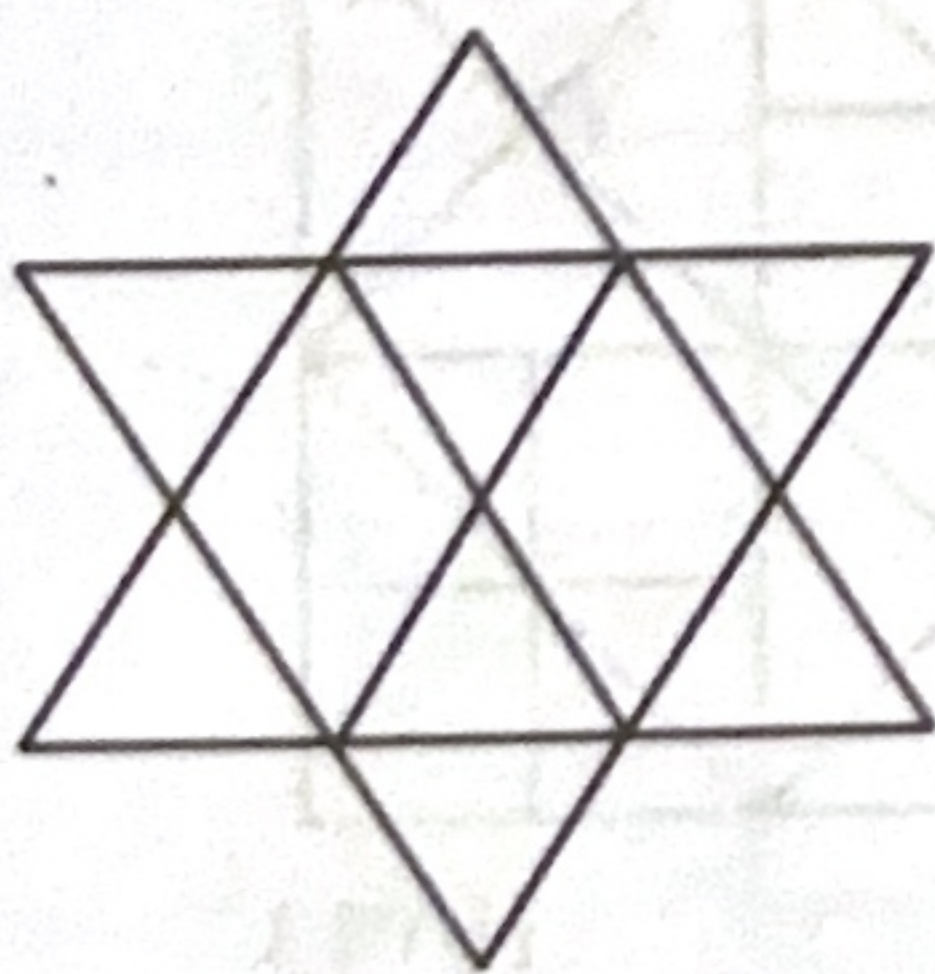
- (a) 23 (b) 22
(c) 21 (d) 18

155.



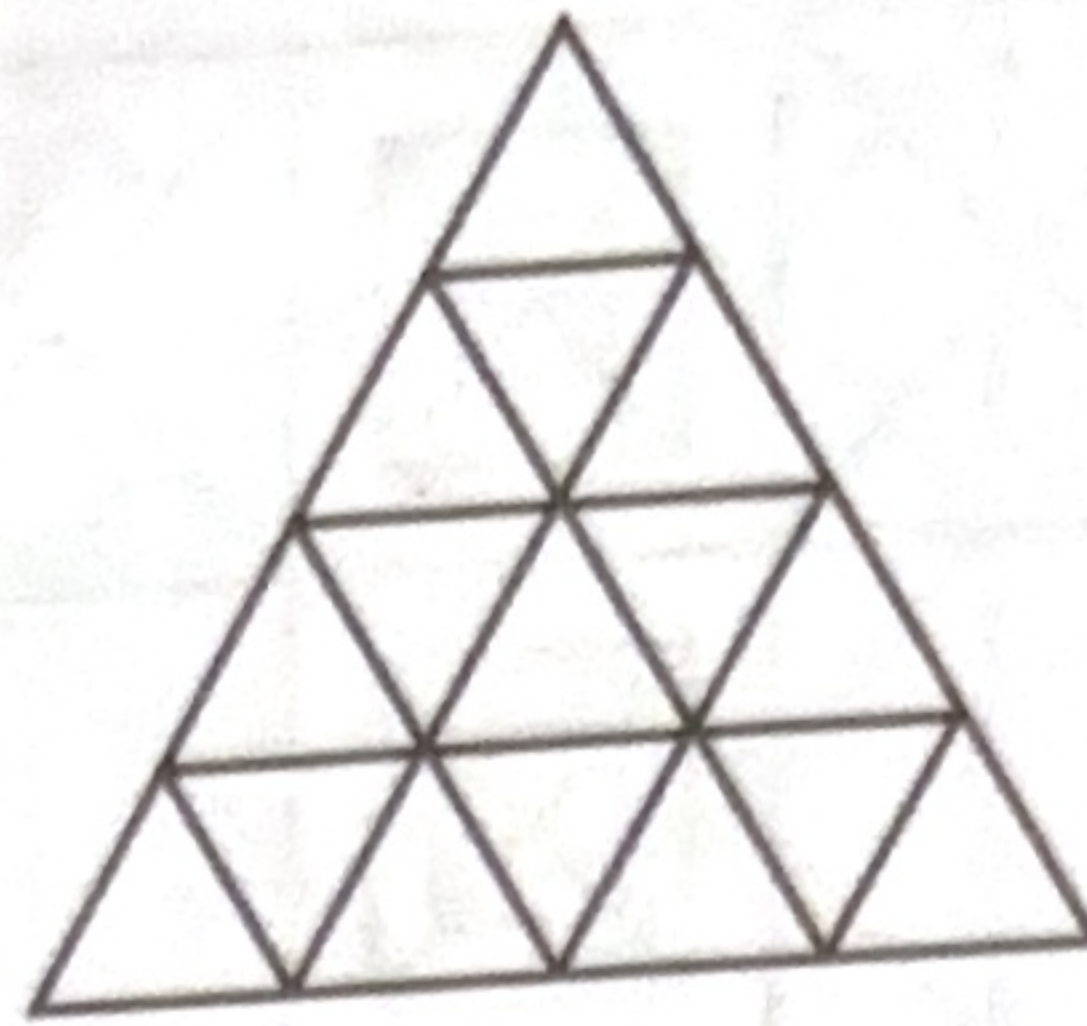
- (a) 20 (b) 18
(c) 16 (d) 12

156.



- (a) 8 (b) 11
(c) 12 (d) 15

157.



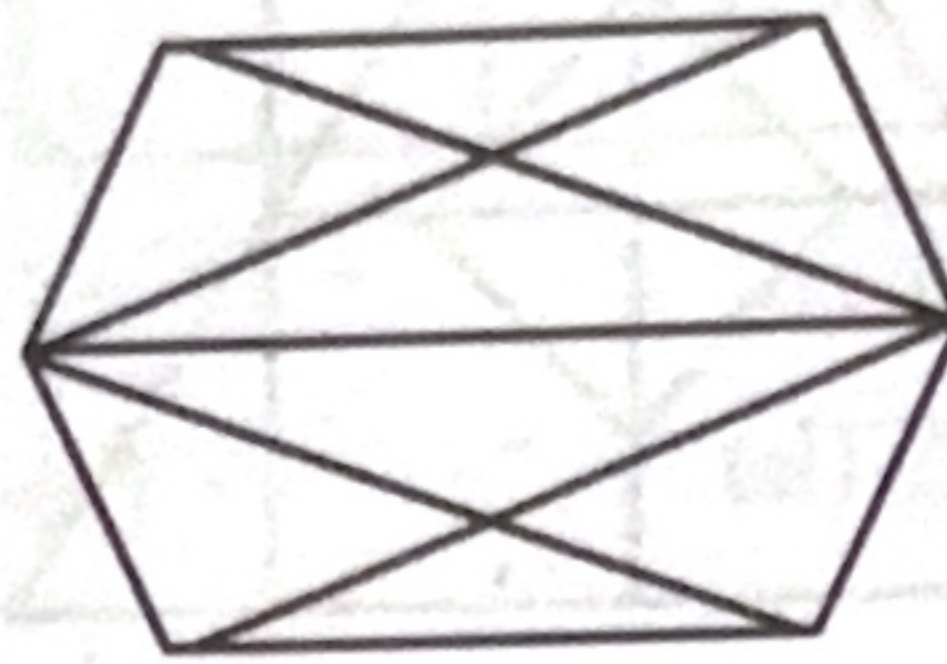
- (a) 47 (b) 45
(c) 41 (d) 39

निर्देशन (Direction): Q. 156 - 158

तल दिईएका आकृतिमा जम्मा कतिवटा पञ्चभुजहरु रहेका छन् ?

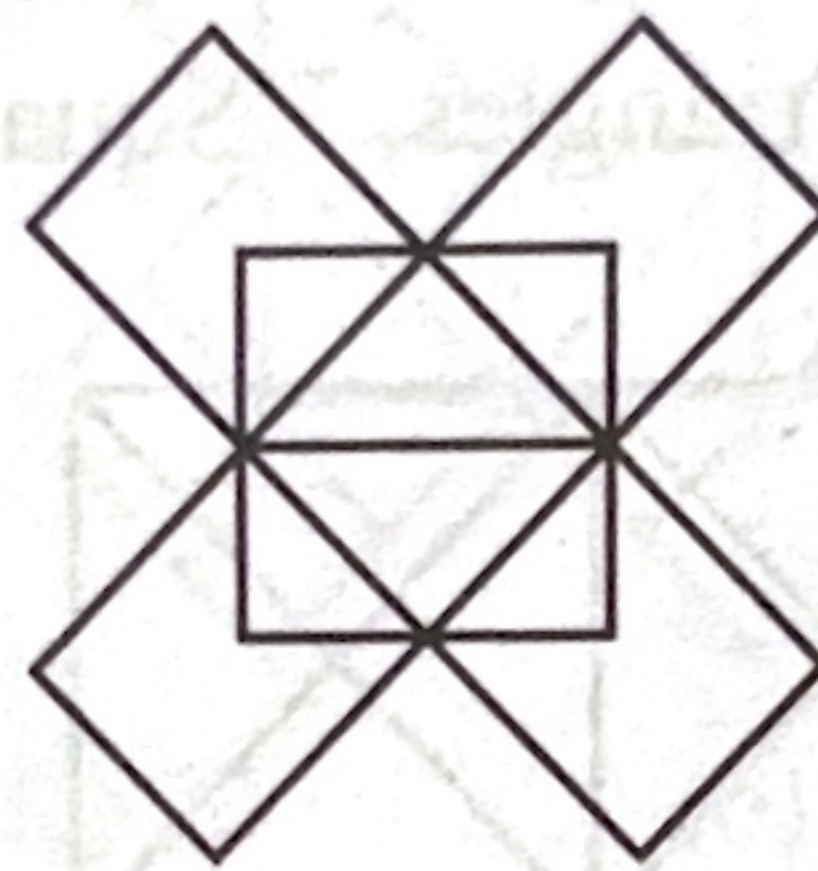
How many pentagons are there in the figure given below ?

158.



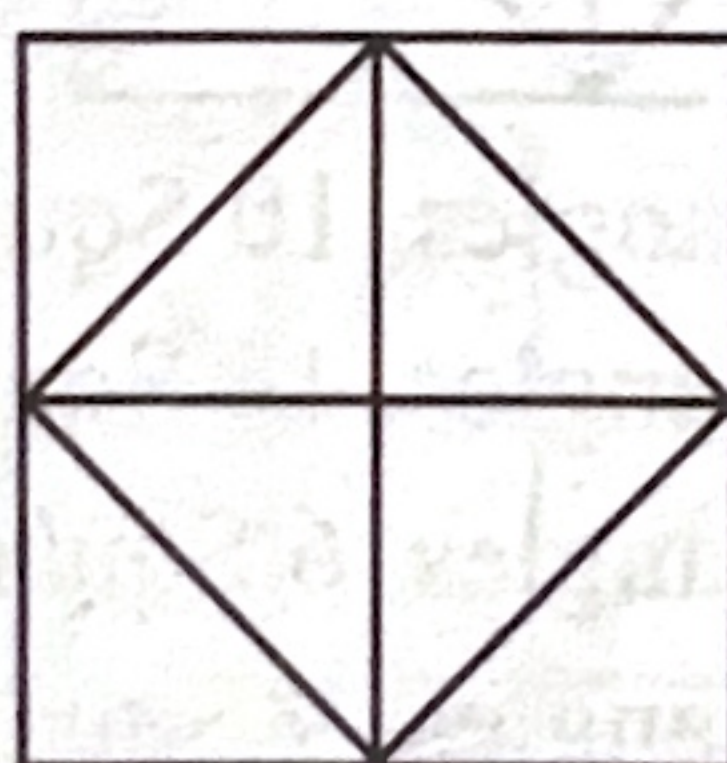
- (a) 4 (b) 6
(c) 3 (d) 2

159.



- (a) 12 (b) 13
(c) 11 (d) 10

160.



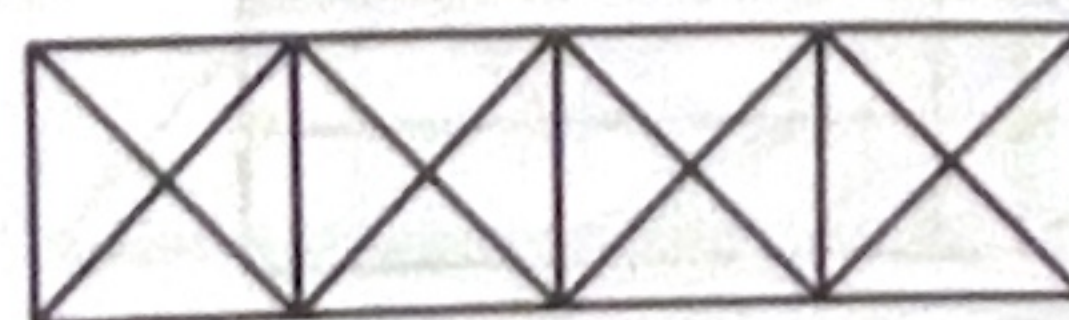
- (a) 16 (b) 12
(c) 8 (d) 4

निर्देशन (Direction): Q. 161 - 165

तल दिईएका आकृतिमा जम्मा कतिवटा षट्भुजहरु रहेका छन् ?

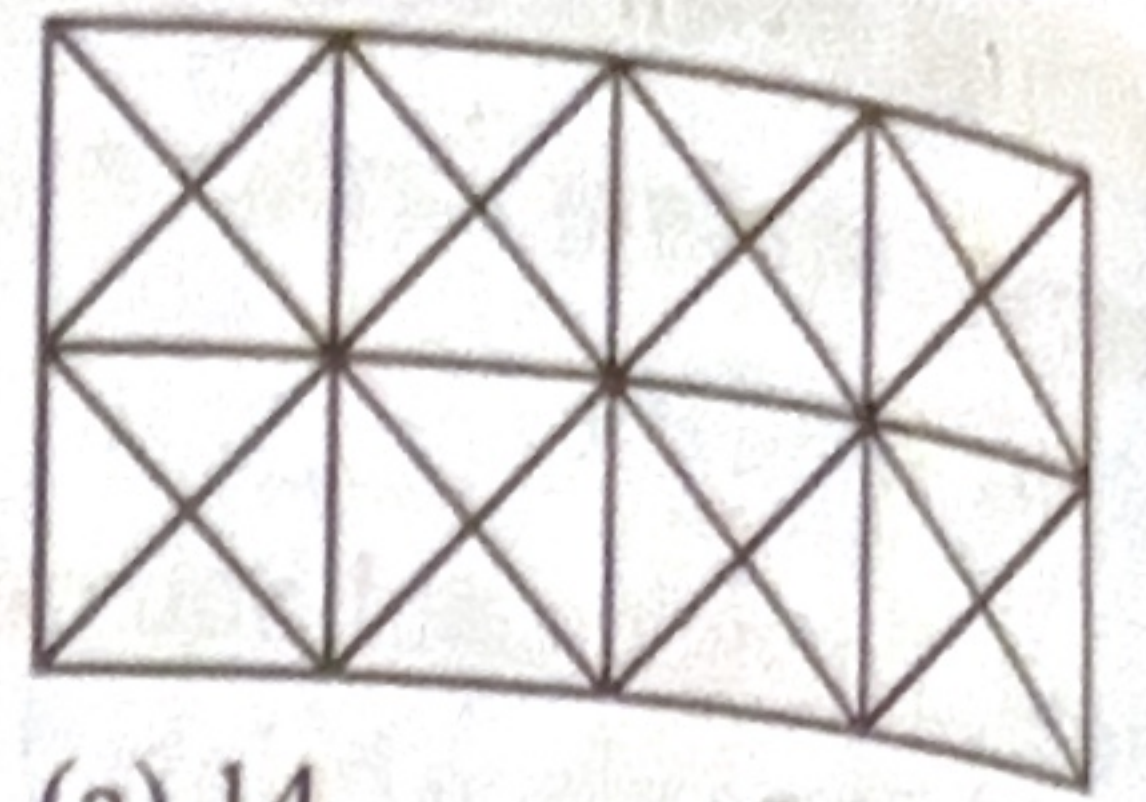
How many hexagons are there in the figure given below ?

161.



- (a) 3 (b) 2
(c) 4 (d) 1

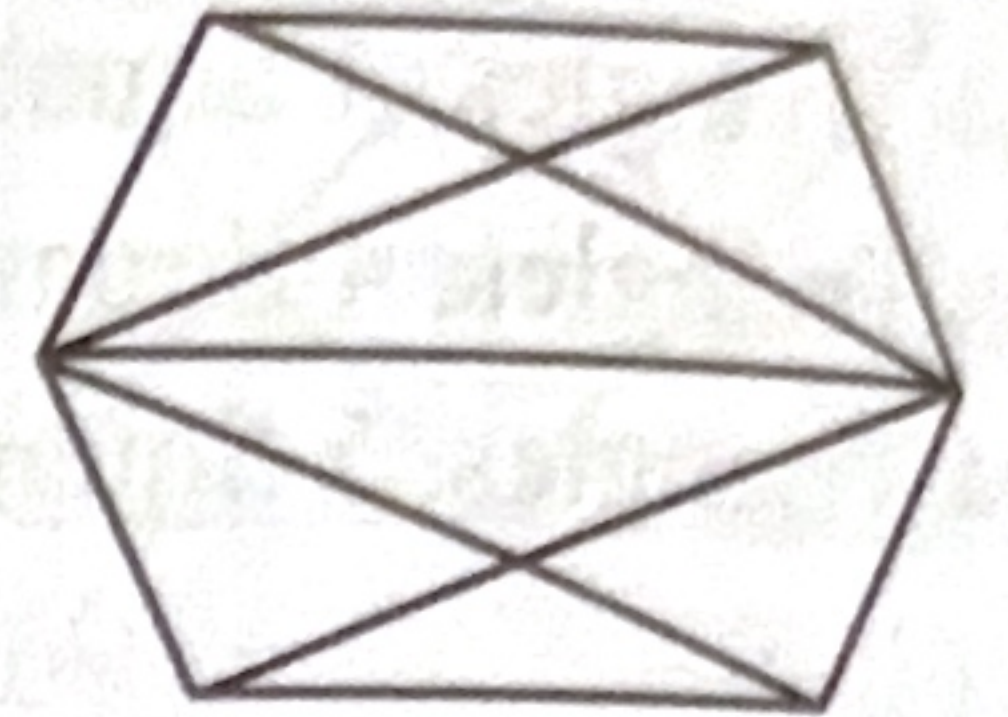
162.



- (a) 14 (b) 15
(c) 16 (d) 12

163. दिईएको आकृतिमा जम्मा कतिवटा चतर्भुजहरु रहेका छन् ?

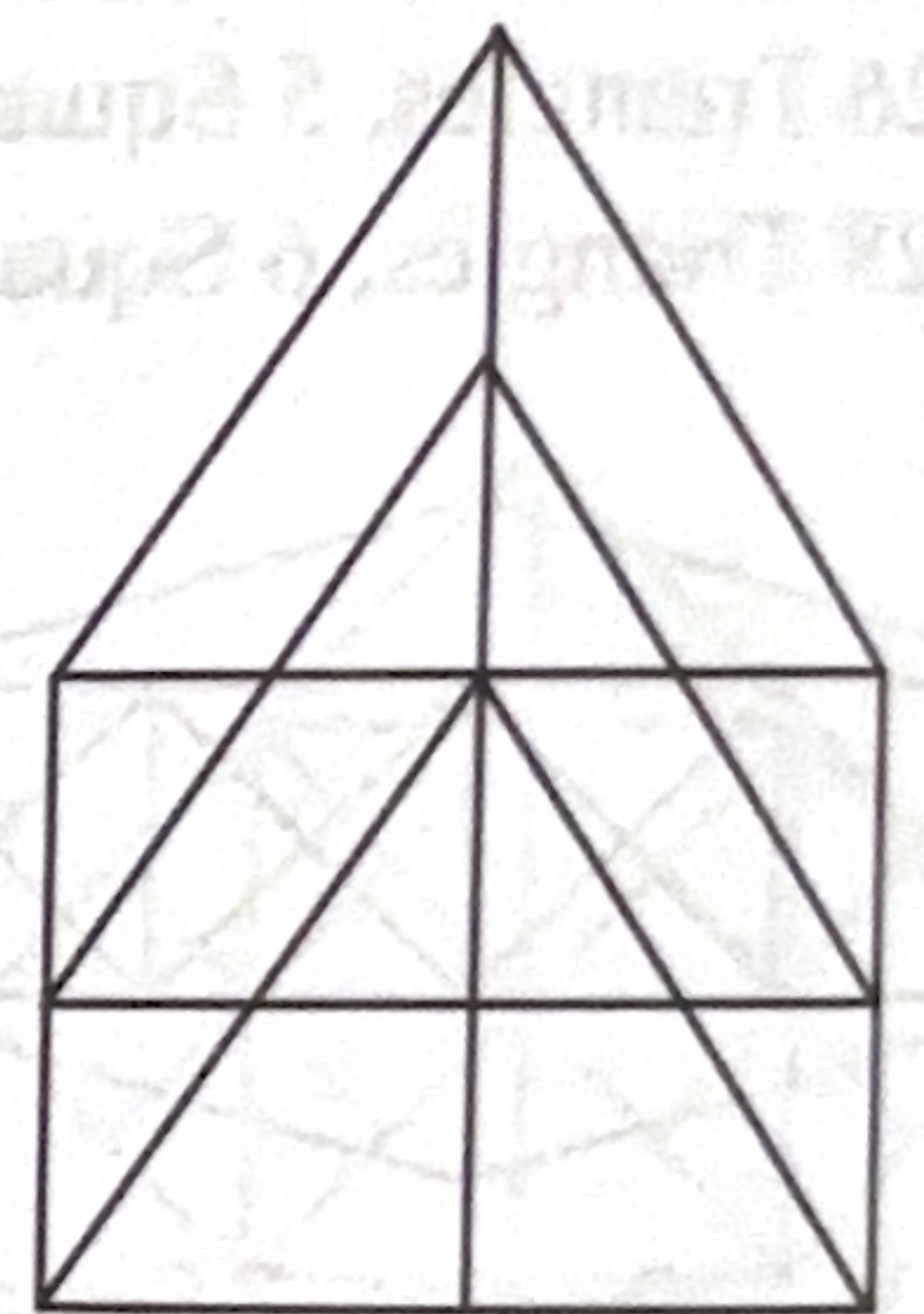
How many quadrilaterals are there in the figure given below ?



- (a) 6 (b) 7
(c) 9 (d) 10

164. तल दिईएको आकृतिमा त्रिभुज र समानान्तर चतर्भुज कतिवटा रहेका छन् ?

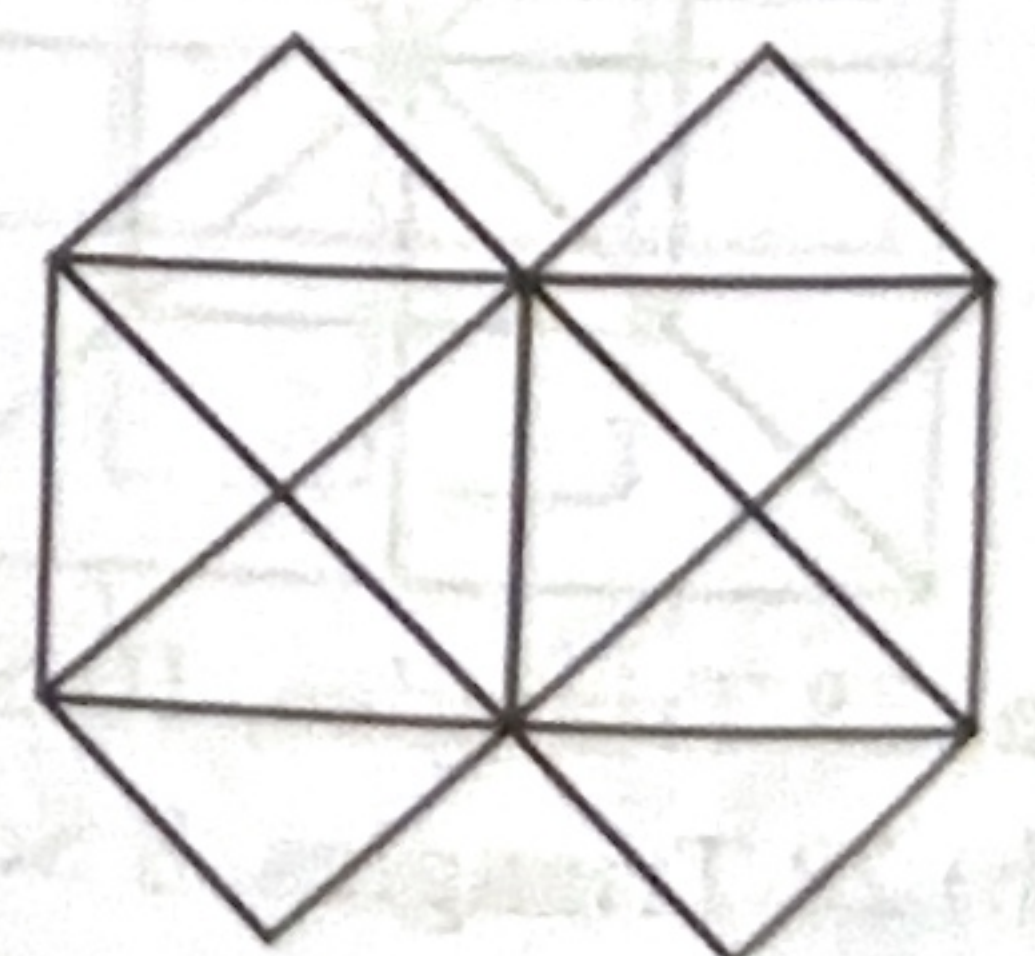
How many Triangles and Parallelograms are there in the figure given below ?



- (a) 21, 17 (b) 19, 13
(c) 21, 15 (d) 19, 17

165. तल दिईएको आकृतिमा सिधा रेखा, त्रिभुज र वर्ग कतिवटा रहेका छन् ?

How many Straight line, Triangles and Squares are there in the figure given below ?

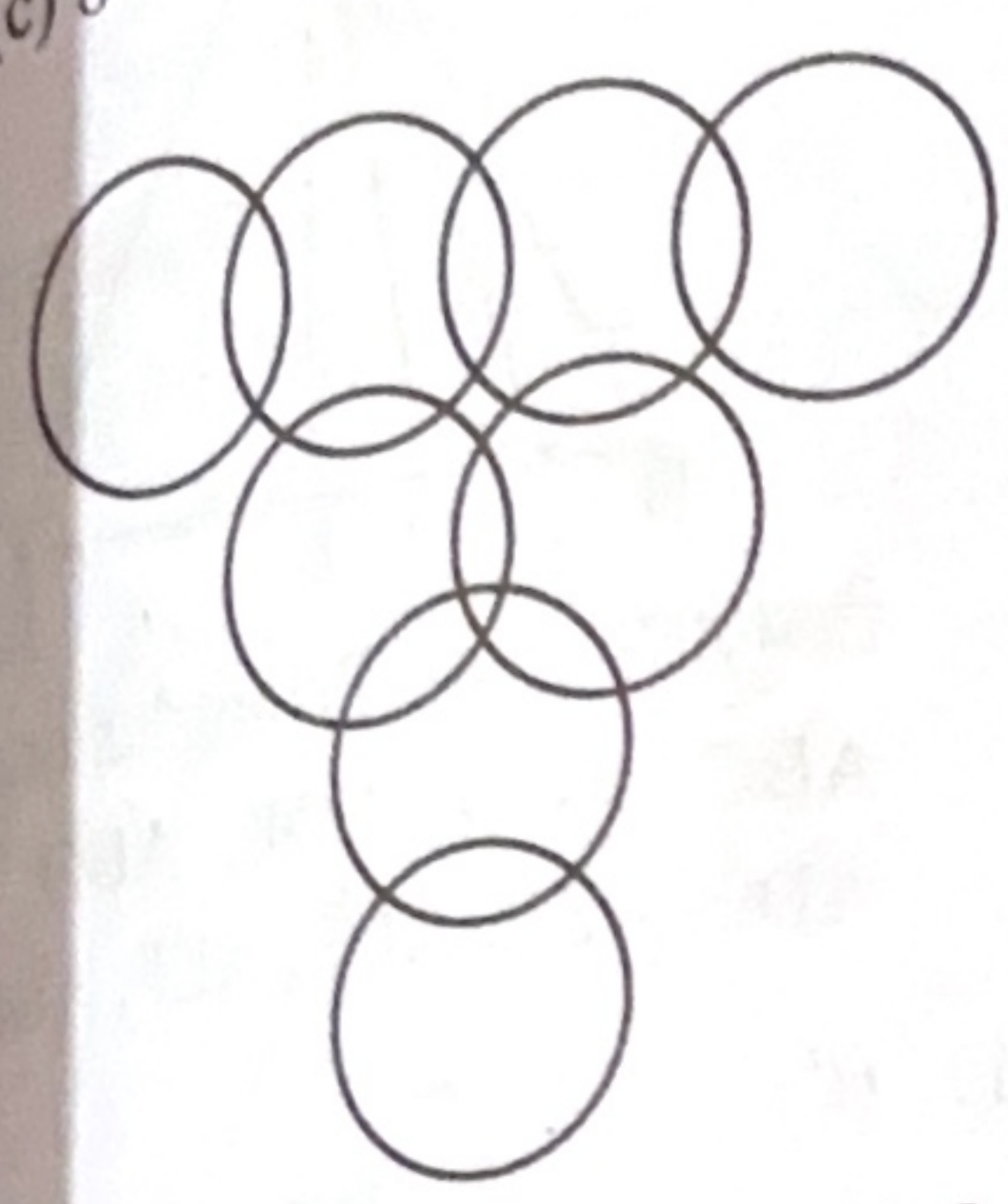


- (a) 13, 22, 7 (b) 11, 20, 8
(c) 15, 16, 6 (d) 21, 12, 5

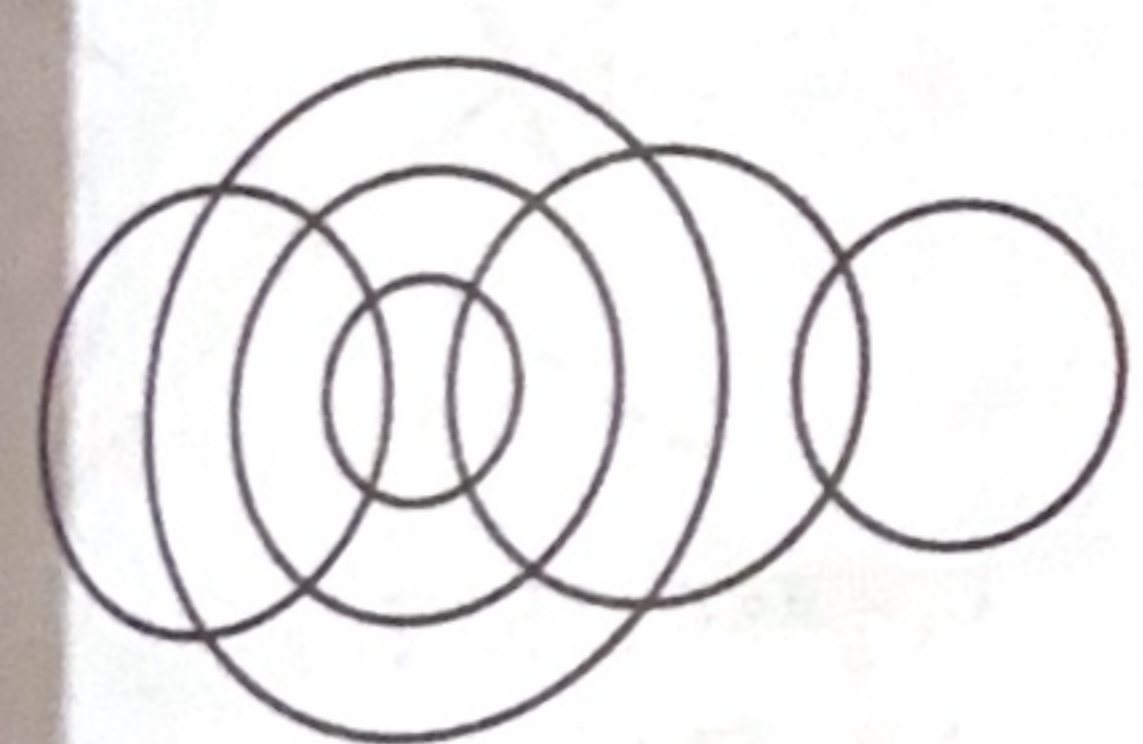
निर्देशन (Direction): Q. 166 - 170
 तल दिइएका आकृतिमा जम्मा कतिवटा
 वृत्तहरू रहेका छन्।
 How many circles are there in the
 figure given below?



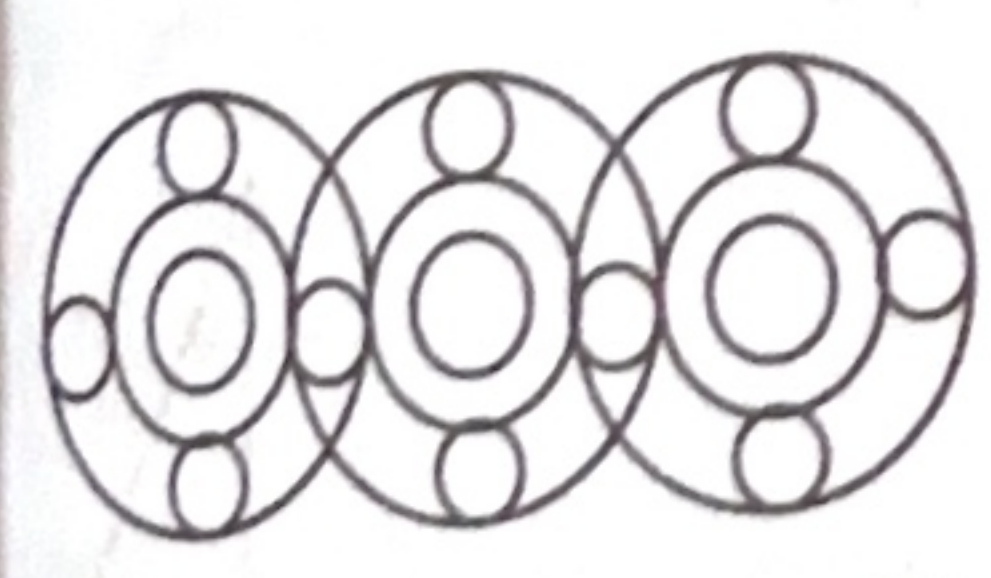
- (a) 6
- (b) 7
- (c) 8
- (d) 9



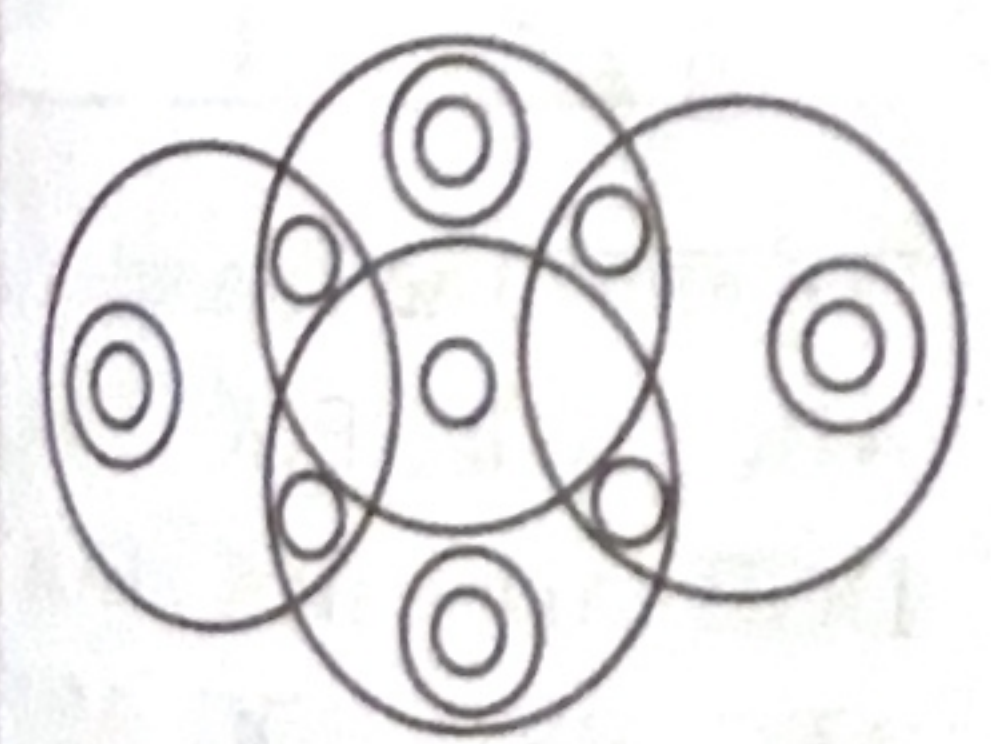
- (a) 7
- (b) 8
- (c) 6
- (d) 9



- (a) 6
- (b) 5
- (c) 7
- (d) 8



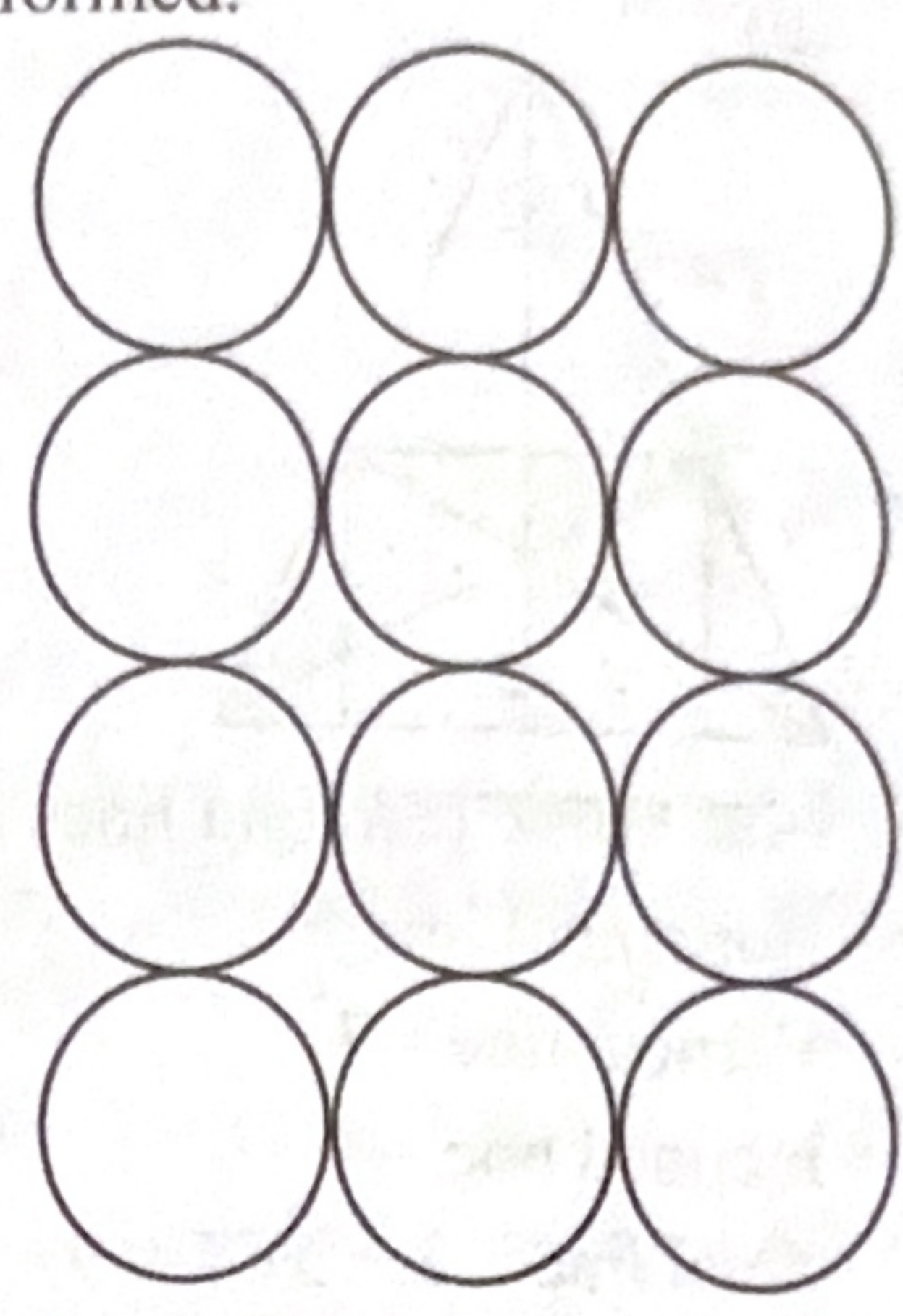
- (a) 19
- (b) 18
- (c) 16
- (d) 20



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

171. तल वृत्तहरू जोडिएर बनेको आकृति दिइएको छ। यदि उक्त आकृतिमा भएका वृत्तहरूको बीच भागमा पर्ने गरि तेर्सो र ठाडो रेखाहरू खिच्ने हो भने, जम्मा कतिवटा वर्गहरू बन्न सक्दछन्? पत्ता लगाउनुहोस्।

In the adjoining figure, if the centres of all the circles are joined by horizontal line and vertical lines, then find the number of squares that can be formed.



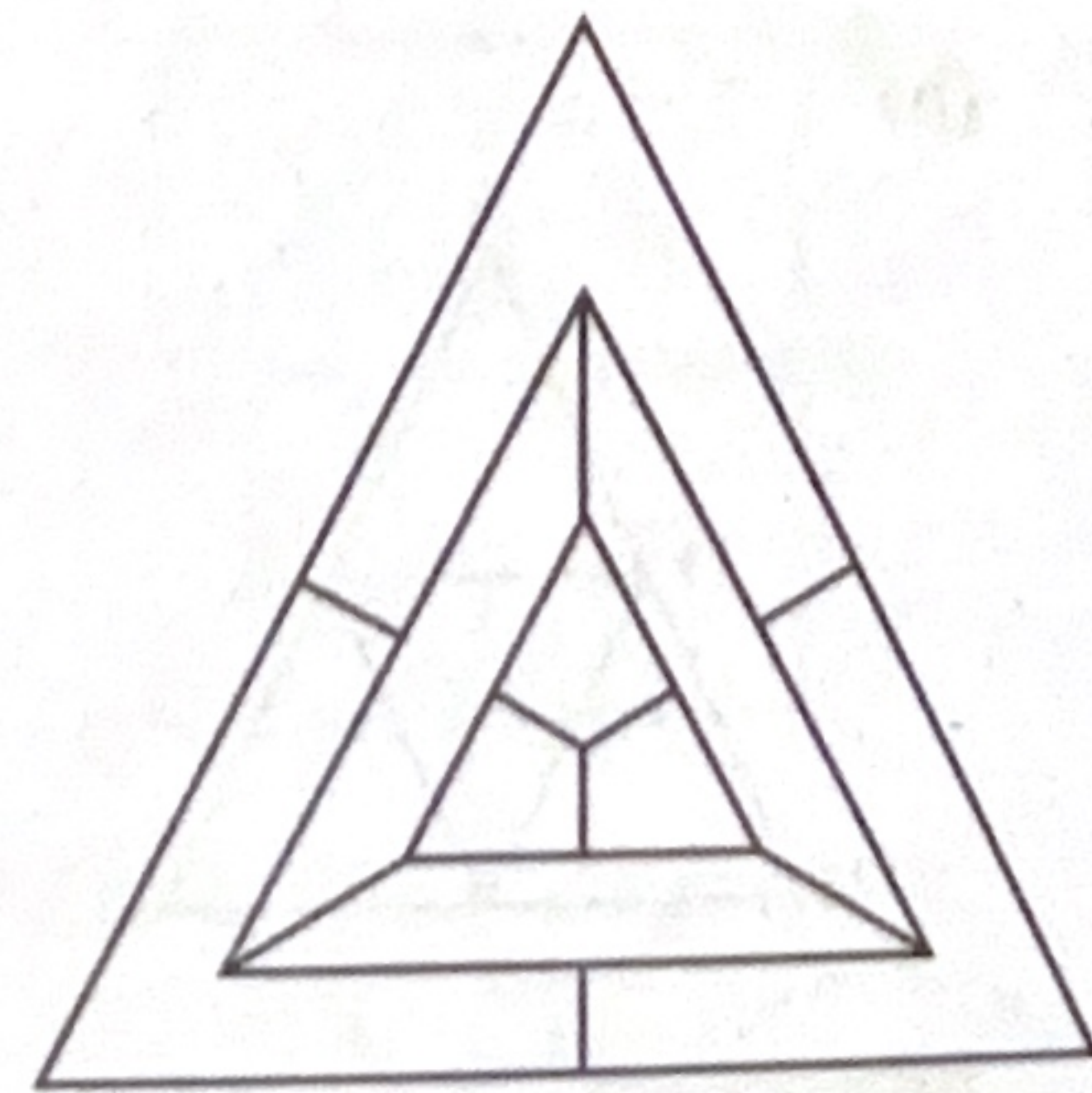
- (a) 6
- (b) 7
- (c) 8
- (d) 9

निर्देशन (Direction): Q. 174 - 178

दिइएको आकृतिलाई विभिन्न भागमा विभाजन गरिएको छ। कुनै एउटा भागमा लगाइएको रङ्ग अर्को भागमा लगाइएको रङ्गसँग नछोइने गरी बनाउन कम्तीमा कतिवटा रङ्गको आवश्यकता पर्छ?

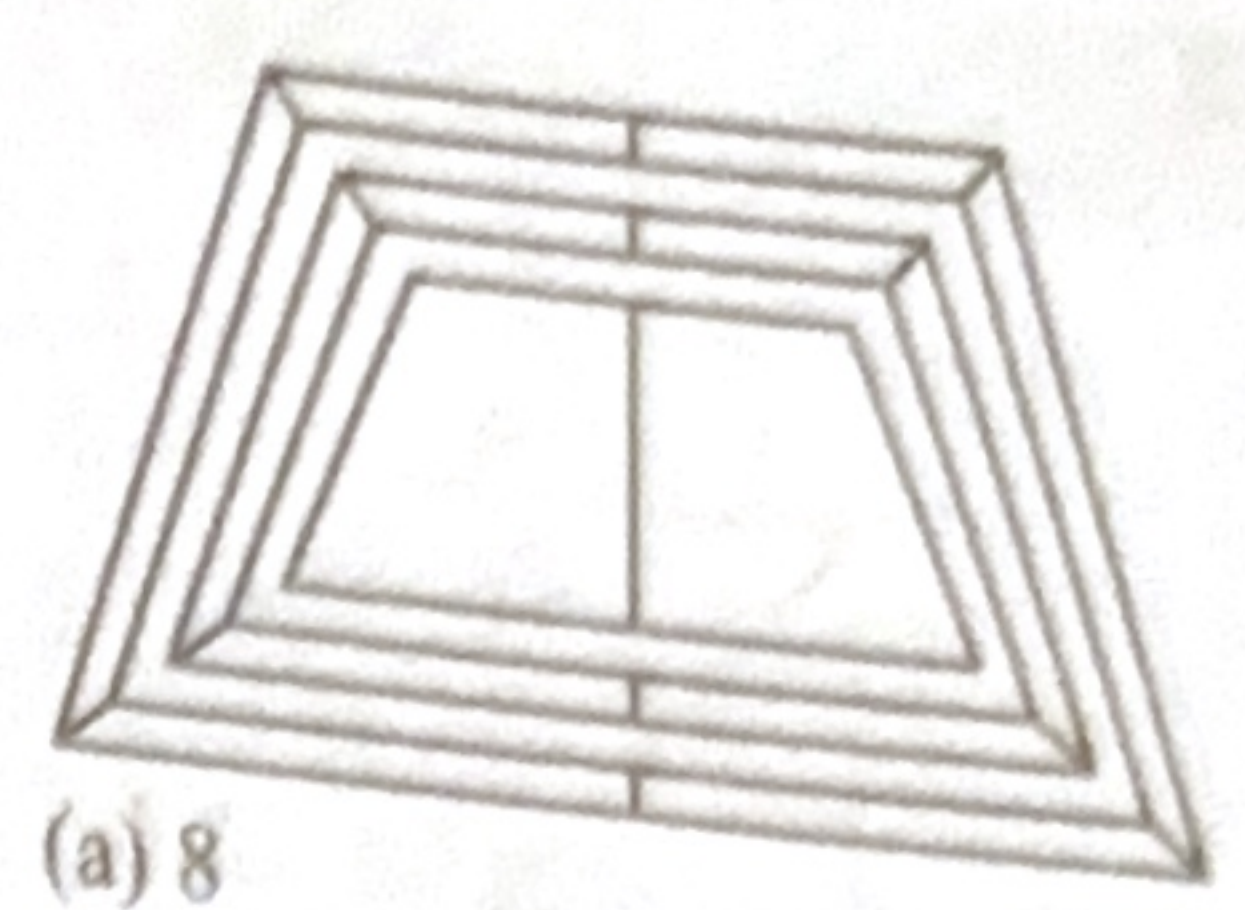
If in the given figure, no two adjacent areas can have the same colour, find the least number of colour to be needed to fill the figure/areas.

172.



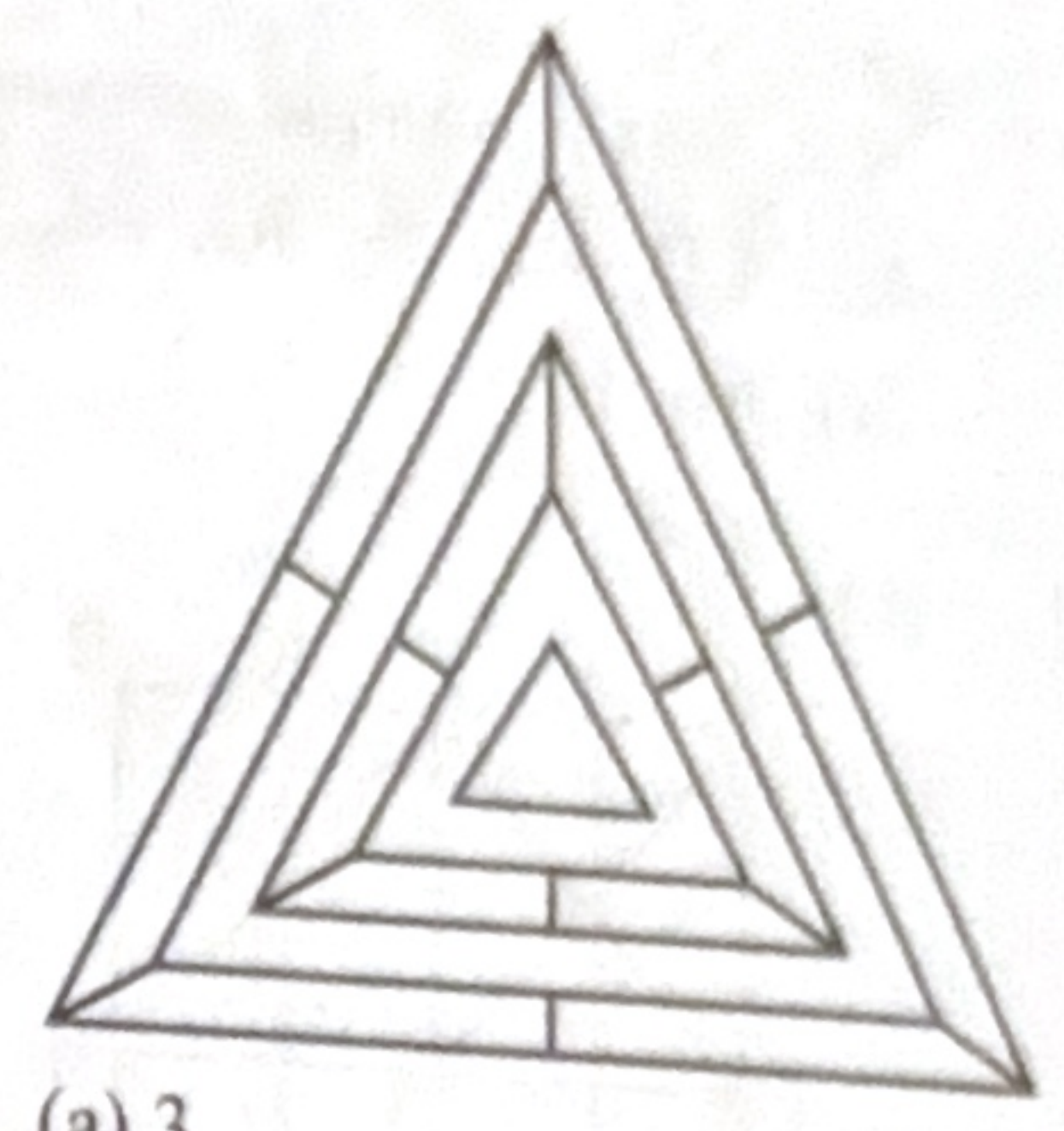
- (a) 3
- (b) 4
- (c) 5
- (d) 6

173.



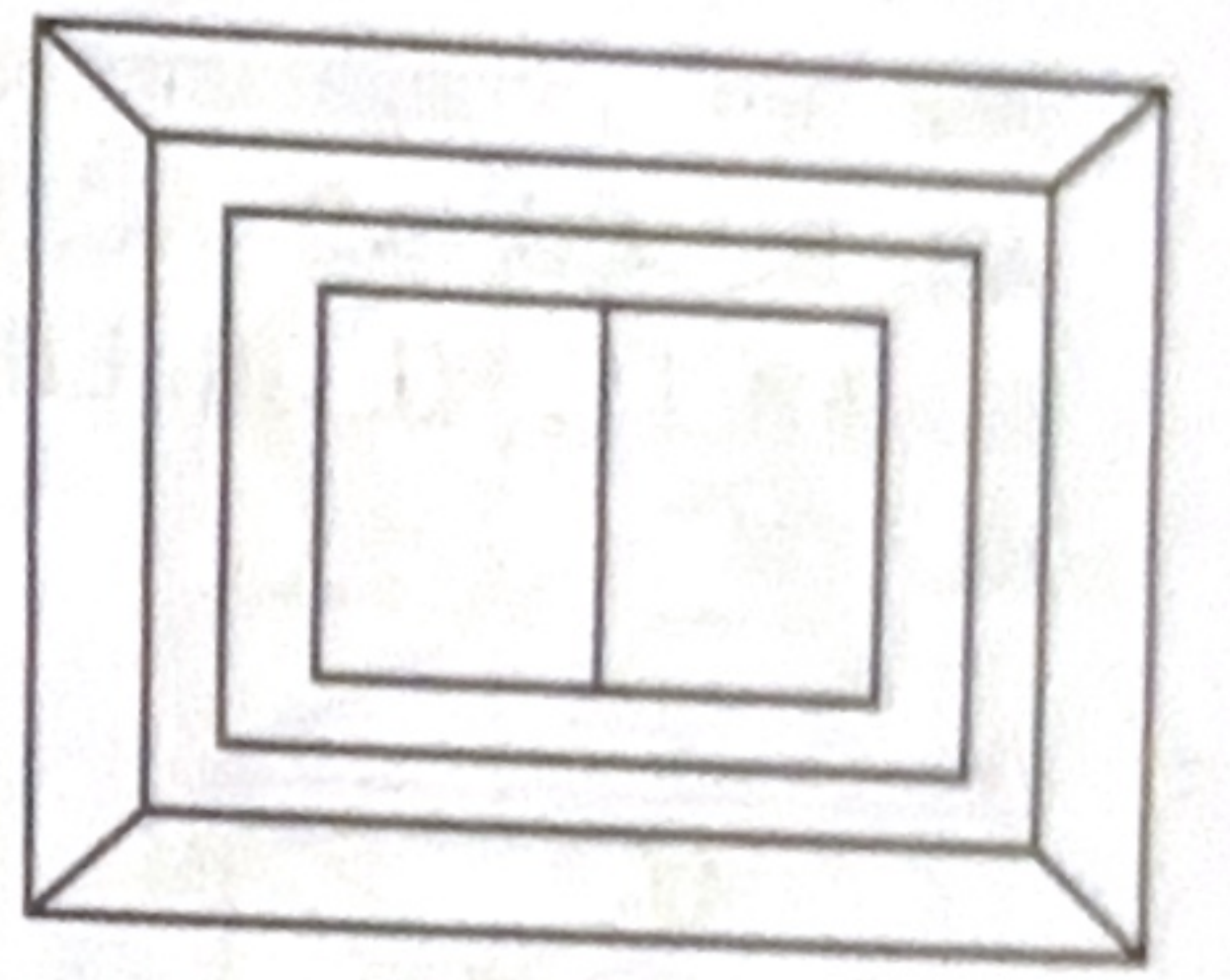
- (a) 8
- (b) 4
- (c) 3
- (d) 5

174.



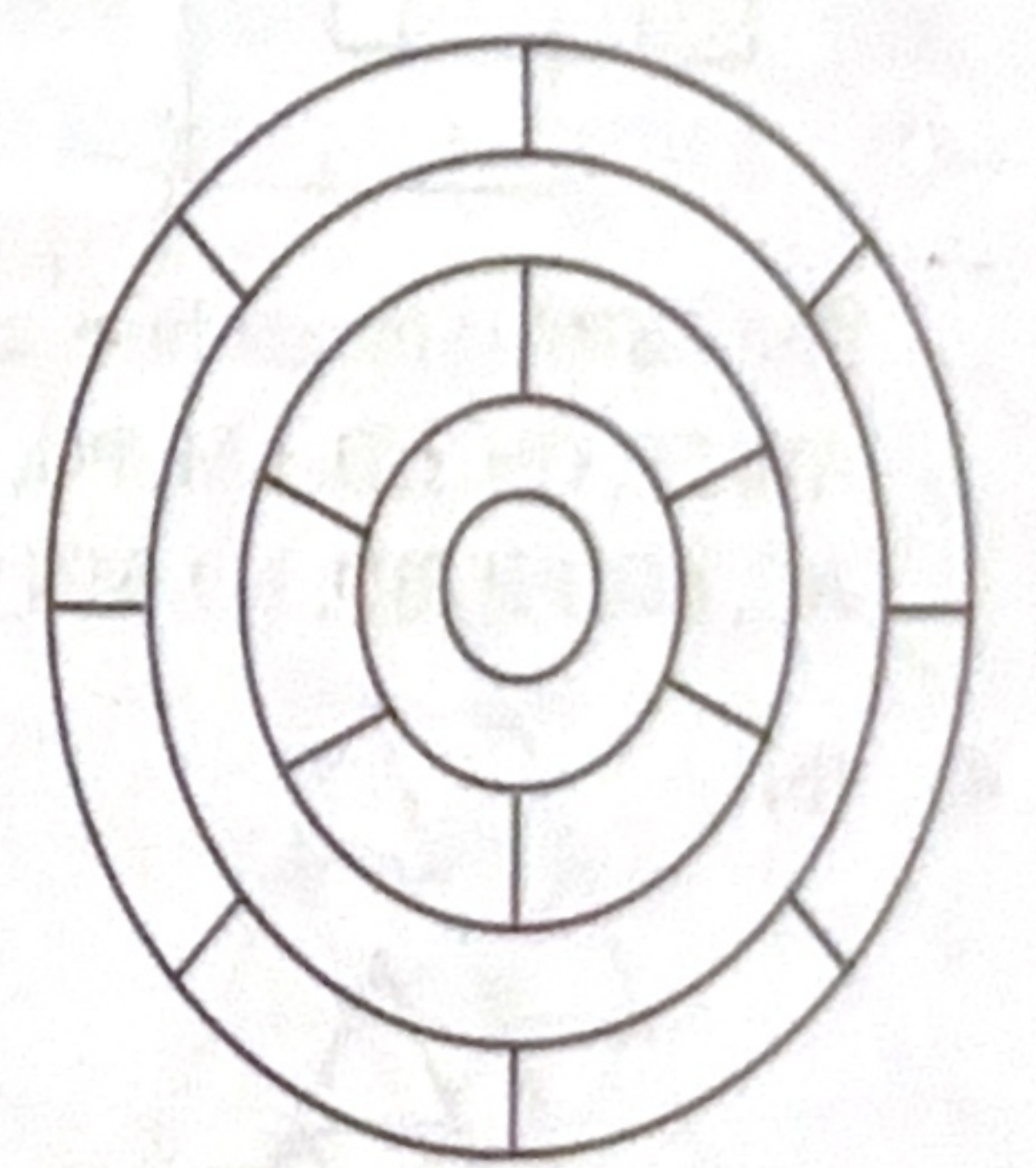
- (a) 3
- (b) 4
- (c) 5
- (d) 6

175.



- (a) 2
- (b) 4
- (c) 3
- (d) 6

176.



- (a) 3
- (b) 4
- (c) 5
- (d) 6