I. Find the perimeter of the following figures:

(a)
35 cm
30 cm
45 cm
60 cm
25 cm
_____ cm

(b)
40 cm
60 cm
85 cm
25 cm
10 cm
_____ cm

(c)
35 cm
50 cm
55 cm
15 cm
65 cm
_____ cm

(d)
45 cm
20 cm
10 cm
20 cm
75 cm
15 cm
_____ cm

(e)
25 cm
40 cm
40 cm
30 cm
15 cm   30 cm
_____ cm

(f)
25 cm
40 cm
45 cm
15 cm
65 cm
_____ cm

(g)
90 cm
60 cm
30 cm   35 cm
_____ cm

(h)
70 cm
20 cm
35 cm
35 cm
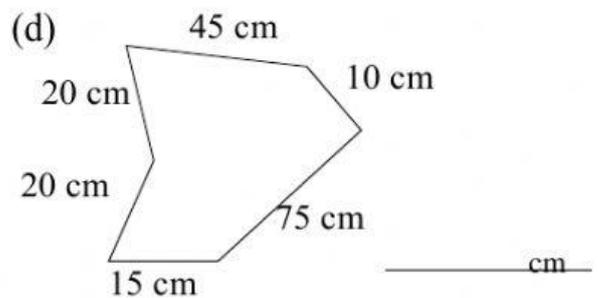40 cm
_____ cm

(i)
30 cm
70 cm
80 cm
70 cm
20 cm
_____ cm

(j)
60 cm
55 cm
20 cm   25 cm
35 m
_____ cm
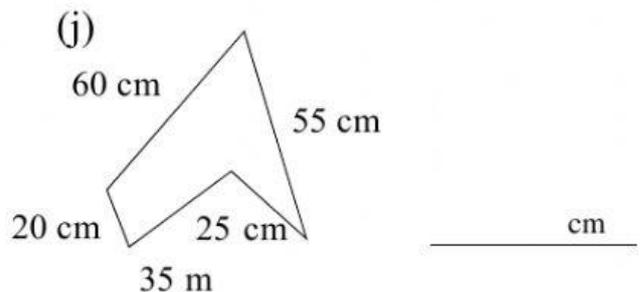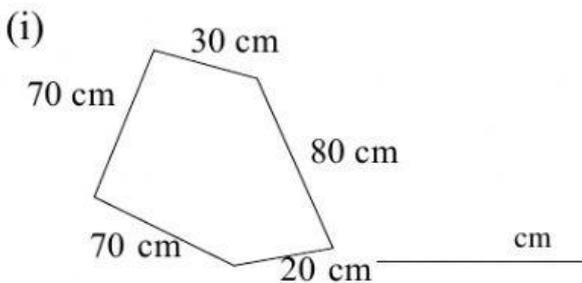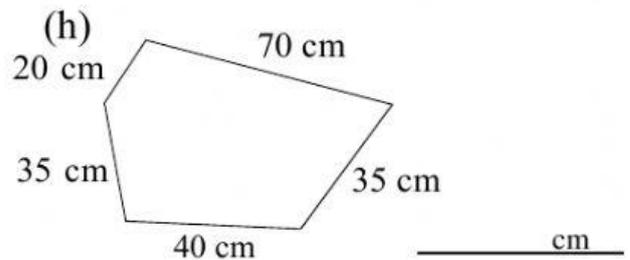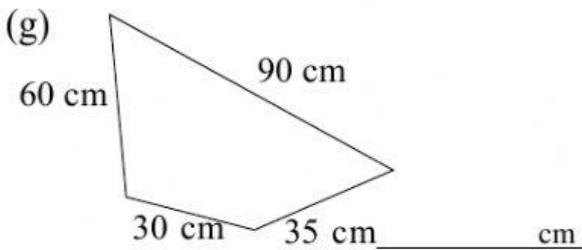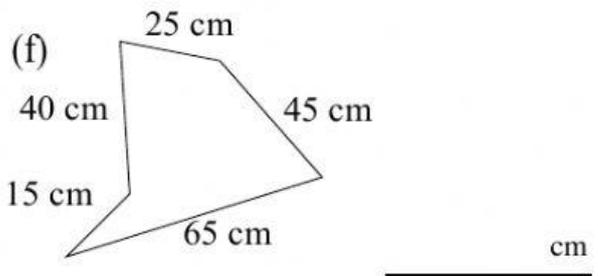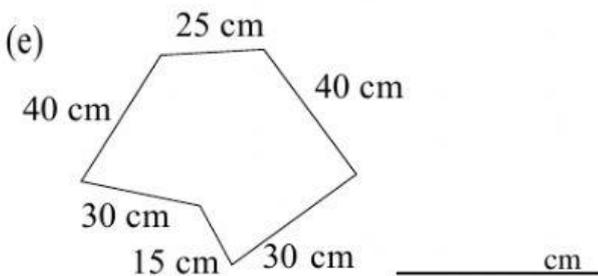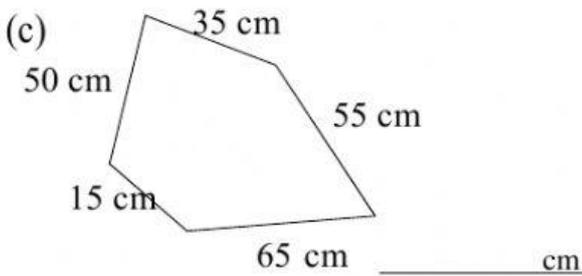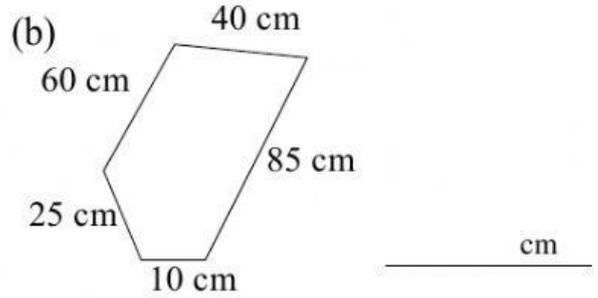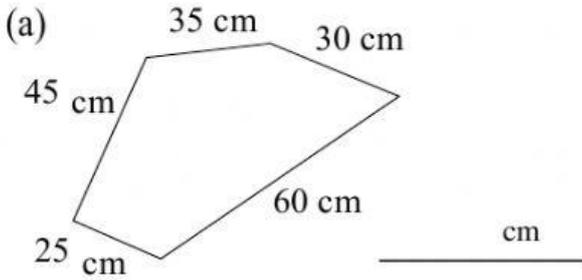
II. Find the length of the boundary of the following shapes.

(a) The length of the boundary of a triangle whose sides are 20 cm, 25 cm and 30 cm is:

(i) 55 ☐   (ii) 65 ☐   (iii) 75 ☐   (iv) 50 ☐

(b) The length of the boundary of a square whose each side is 6 cm is:

(i) 16 ☐   (ii) 8 ☐   (iii) 12 ☐   (iv) 24 ☐

(c) The length of the boundary of a square whose each side is 8 cm is:

(i) 32 ☐   (ii) 25 ☐   (iii) 12 ☐   (iv) 16 ☐

(d) The length of the boundary of a triangle whose each side is 15 cm is:

(i) 75 ☐   (ii) 90 ☐   (iii) 30 ☐   (iv) 45 ☐

(e) The length of the boundary of a pentagon whose each side is 9 cm is:

(i) 63 ☐   (ii) 45 ☐   (iii) 54 ☐   (iv) 36 ☐

(f)) The length of the boundary of a rectangle whose length and breadth are 30 cm and 40 cm is:

(i) 140 ☐   (ii) 120 ☐   (iii) 70 ☐   (iv) 60 ☐

(g) The length of the boundary of a triangle whose sides are 46 cm, 50 cm and 54 cm is:
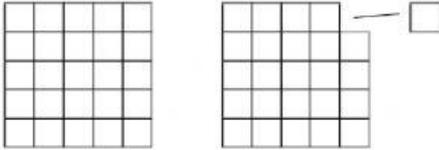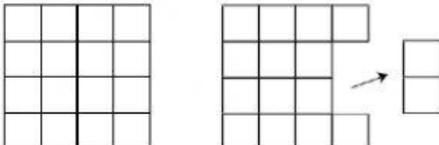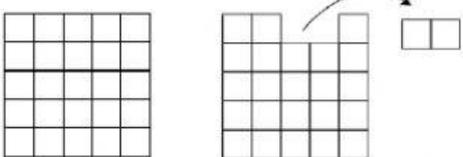
(i) 150 ☐   (ii) 140 ☐   (iii) 130 ☐   (iv) 160 ☐
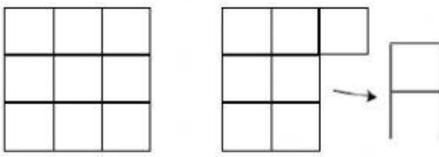
(h) The length of the boundary of a hexagon whose each side is 11 cm is: (i) 22 ☐

(ii) 66 ☐   (iii) 33 ☐   (iv) 55 ☐

III. If the some part of the original figure is cut-off, then find the length of its boundary:

(a)

Length of the boundary of the cut-off figure

= _____ cm

(b)

Length of the boundary of the cut-off figure

= _____ cm

(c)

Length of the boundary of the cut-off figure

= _____ cm

(d)
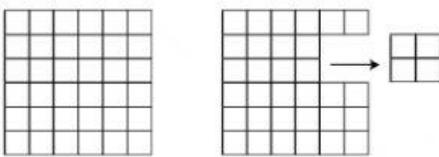
Length of the boundary of the cut-off figure

= _____ cm

(e)

Length of the boundary of the cut-off figure

= _____ cm

(f)
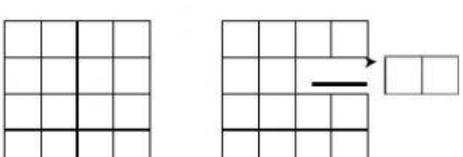
Length of the boundary of the cut-off figure

= _____ cm

(g)
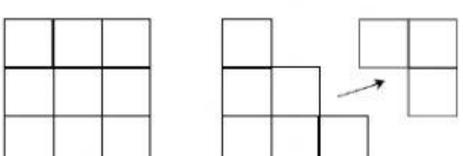
Length of the boundary of the cut-off figure

= _____ cm

(h)
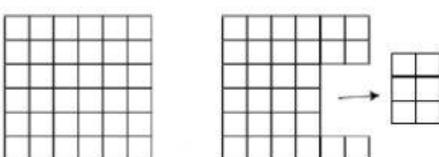
Length of the boundary of the cut-off figure

= _____ cm

IV. Solve the following word problems

    1. Hhushi ran 2 times around a square park whose each side was equal to 90 m. How much distance did she cover in total?
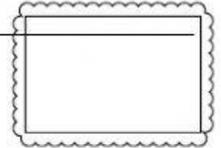
_____ m
_____

    2. Lavanya loves nature. She takes 3 rounds of a rectangular park park whose length is 50 m and widthis 30 m. How much distance did she cover in total?
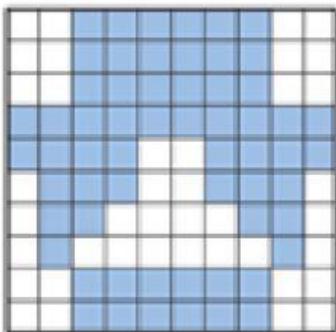
_____ m
_____

    3. Look at picture of the following table-cloth. The length is 140 cm and width is 60 cm. How mach lace is needed to be used for 5 such table-cloths?
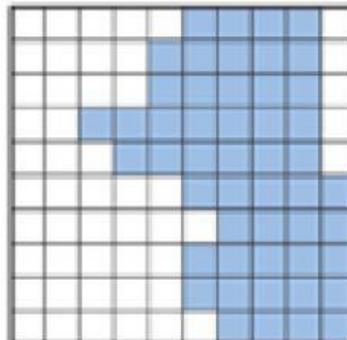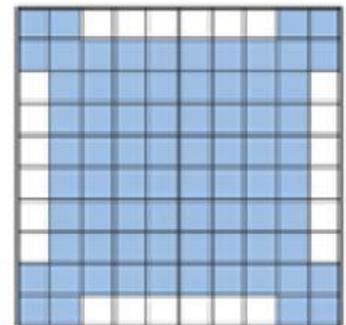
                               cm

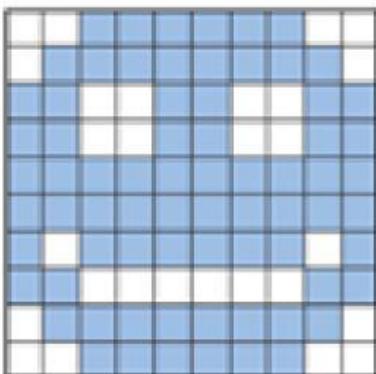**V.   Find the area of shaded part of each figure.**

_____ | Squares

_____ | Squares

_____ | Squares

_____ | Squares

_____ | Squares