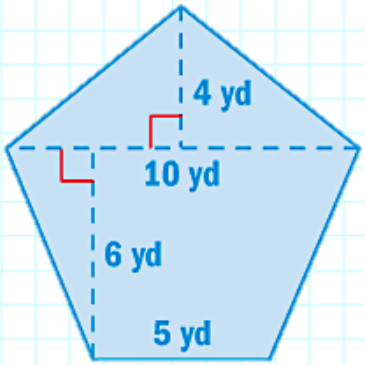
NOTES

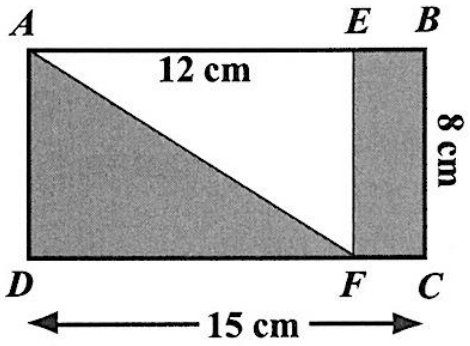
Name:_____

Measurement: Area and Perimeter Problems

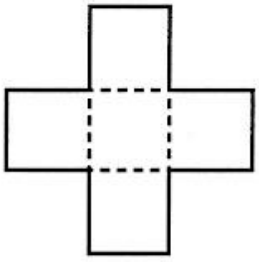
1) Flowers are planted in a public garden in the shape shown. What is the area of the garden covered by the flowers?



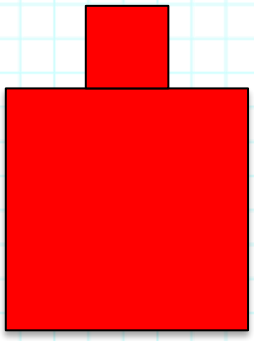
2) $ABCD$ and $EBCF$ are both rectangles. The length of $\overline{CD}$ is 15 cm. The length of $\overline{BC}$ is 8 cm. The length of $\overline{AE}$ is 12 cm. Find the total number of sq cm in the areas of the shaded regions.



3) The figure is made up of five congruent squares. The perimeter of the figure is 72 cm. Find the area of the figure.



4) A "tower" is formed by placing a small square atop a large square. The perimeter of the tower is 52 cm and the perimeter of the large square is 40 cm. Find the perimeter of the small square, in cm.



5) Rectangle ABCD is divided into five congruent smaller rectangles, as shown. The lengths BC and CD differ by 6 millimeters. What is the area of ABCD?