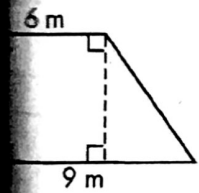


Lesson 11.7 Area of Irregular Shapes

To find the area of irregular shapes, separate the shapes into figures for which you can find the area.



This figure can be divided into a square and a triangle.

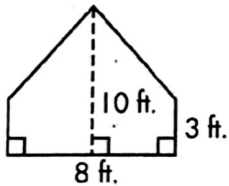
area of square
 $A = 6 \times 6 = 36$

area of triangle
 $A = \frac{1}{2} \times 3 \times 6 = 9$

The area of the figure is $36 + 9 = 45$ square meters.

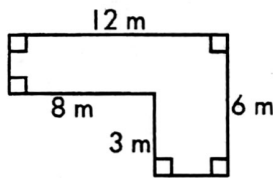
Find the area of each figure.

a



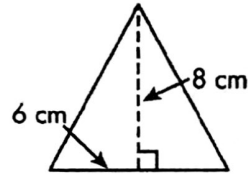
_____ square feet

b

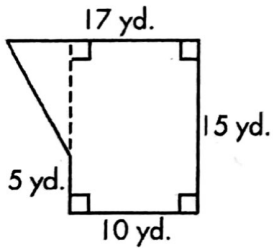


_____ square meters

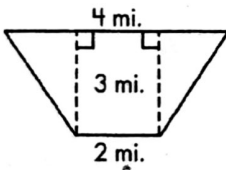
c



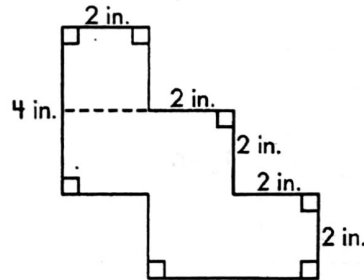
_____ square centimeters



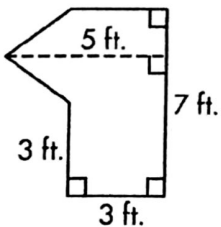
_____ square yards



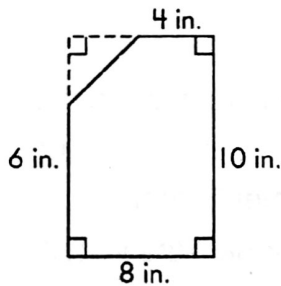
_____ square miles



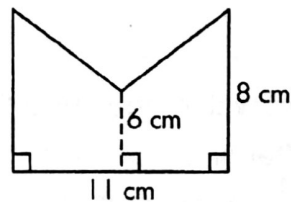
_____ square inches



_____ square feet



_____ square inches



_____ square centimeters