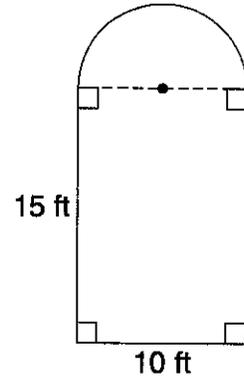


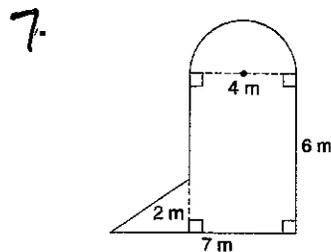
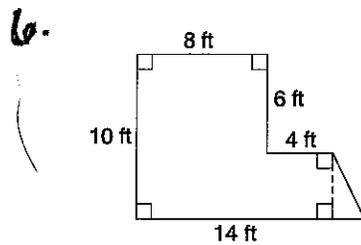
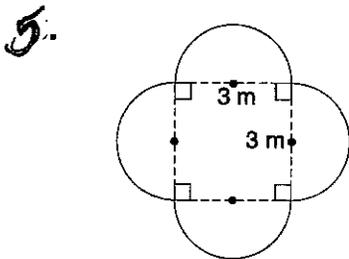
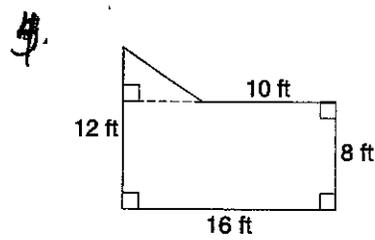
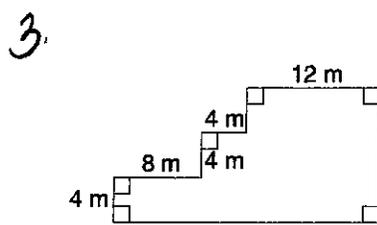
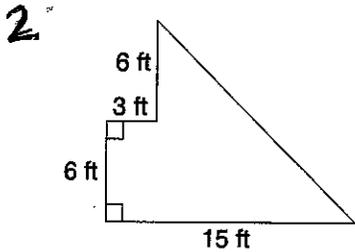
CHAPTER 9-6 Practice B
Area of Irregular Figures

Estimate the area of each figure.

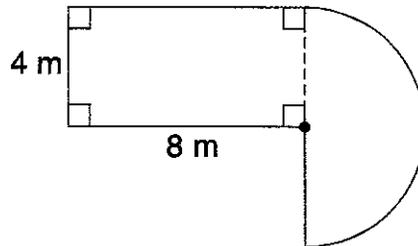
1. The figure shows the dimensions of a room. How much carpet is needed to cover the floor?



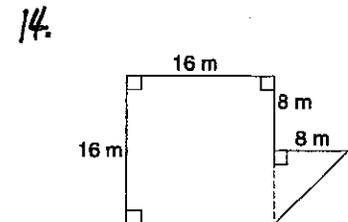
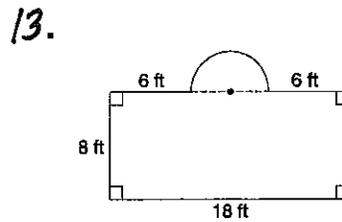
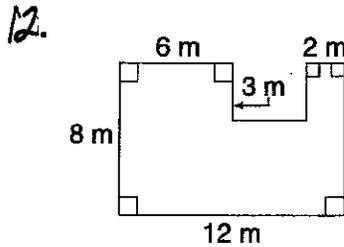
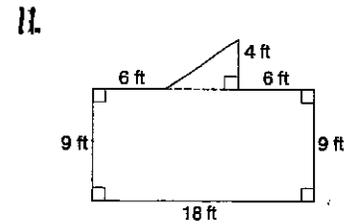
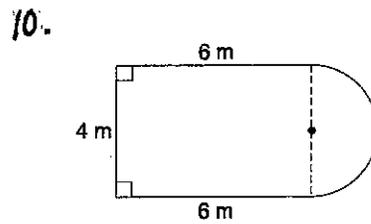
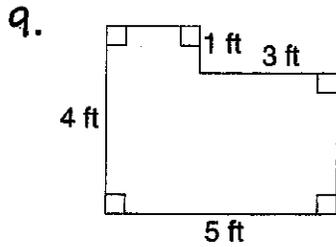
Find the area of each figure. Use 3.14 for π .



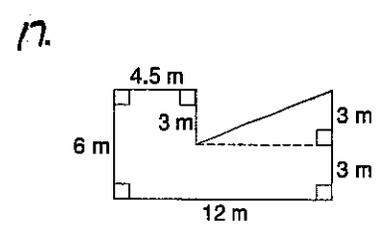
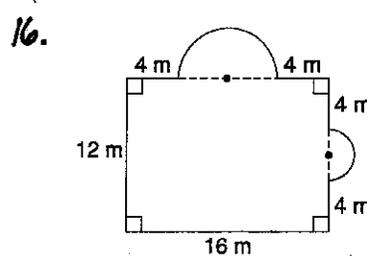
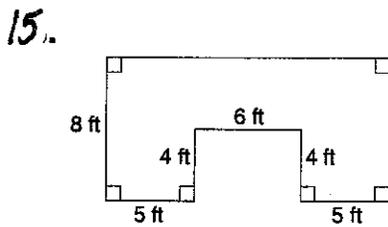
8. Marci is going to use tile to cover her terrace. How much tile does she need?



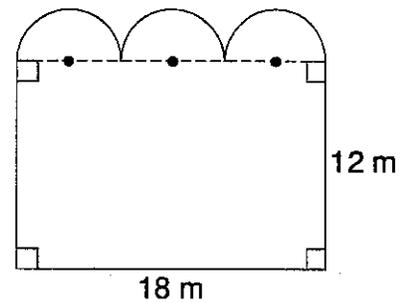
Find the area of each figure. Use 3.14 for π .



Find the area of each figure. Use 3.14 for π .



18. The figure shows the dimensions of a room in which wedding receptions are held. The room is being carpeted. The three semi-circular parts of the room are congruent. How much carpet is needed?



19. A polygon has vertices at $F(-5, 2)$, $G(-3, 2)$, $H(-3, 4)$, $J(1, 4)$, $K(1, 1)$, $L(4, 1)$, $M(4, -2)$, $N(6, -2)$, $P(6, -3)$, and $Q(-5, -3)$. Graph the figure on the coordinate plane. Then find the area and the perimeter of the figure.

