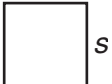
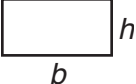
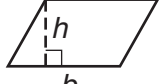

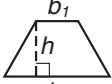
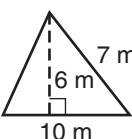


Skills Readiness **37 Area of Polygons**

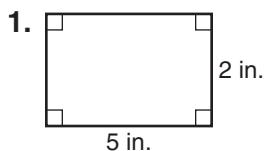
Definition: The area of a plane figure is the number of square units needed to cover the surface of the figure.

Example: The area of a 3 by 4 rectangle () is 12 square units or 12 units².

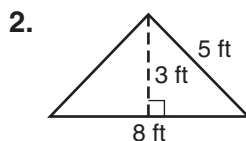
Area Formulas				
Square	Rectangle	Parallelogram	Triangle	Trapezoid
				
$A = s^2$	$A = bh$	$A = bh$	$A = \frac{1}{2}bh$	$A = \frac{1}{2}(b_1 + b_2)h$

Example: Find the area of the triangle.  Answer: $A = \frac{1}{2}bh$
 $A = \frac{1}{2}(10)(6) = \frac{1}{2}(60) = 30 \text{ m}^2$

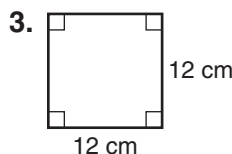
Practice on Your Own **Find the area of each figure.**



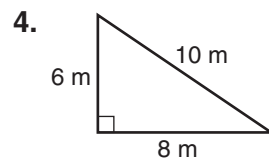
$A = \underline{\hspace{2cm}}$



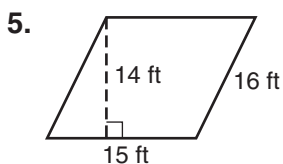
$A = \underline{\hspace{2cm}}$



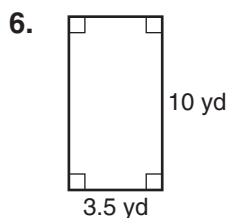
$A = \underline{\hspace{2cm}}$



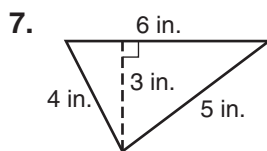
$A = \underline{\hspace{2cm}}$



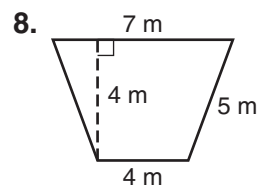
$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$

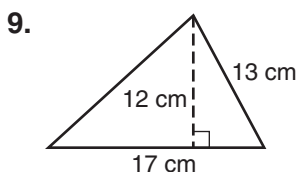


$A = \underline{\hspace{2cm}}$

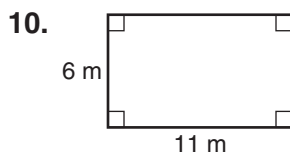


$A = \underline{\hspace{2cm}}$

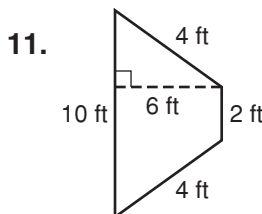
Check **Find the area of each figure.**



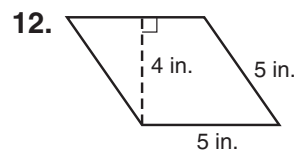
$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$



$A = \underline{\hspace{2cm}}$