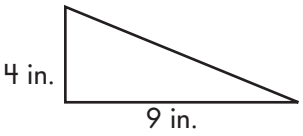
NAME _____

Lesson 6.1 Calculating Area: Triangles

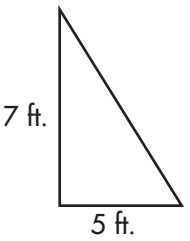
The area (A) of a triangle is one-half the of the base (b) times the height (h).



$$A = \frac{1}{2} \times b \times h$$

or

$$A = \frac{1}{2}bh$$



$A = \frac{1}{2} \times 9 \times 4$

$= \frac{1}{2} \times 36$

$= 18$

$A = 18$ square inches

$A = \frac{1}{2} \times 5 \times 7$

$= \frac{1}{2} \times 35$

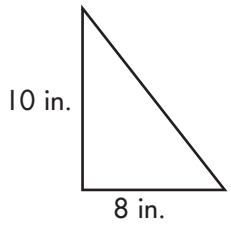
$= 17\frac{1}{2}$

$A = 17\frac{1}{2}$ square feet

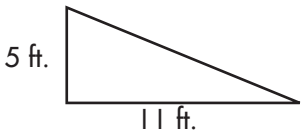
Find the area of each right triangle.

a **b**

1.

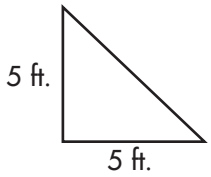


$A =$ _____ sq. in.

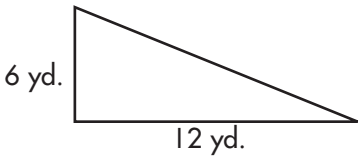


$A =$ _____ sq. ft.

2.



$A =$ _____ sq. ft.



$A =$ _____ sq. yd.