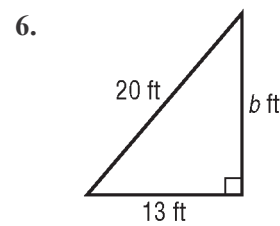
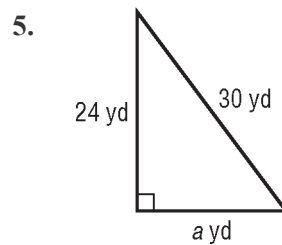
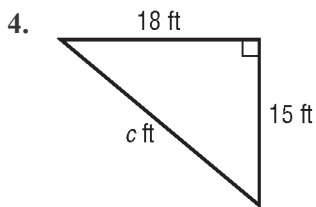
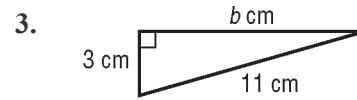
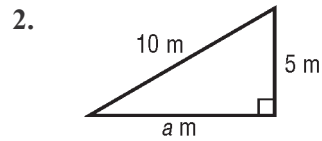
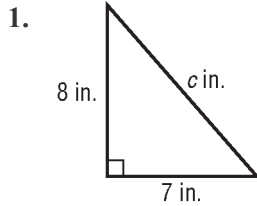


# Lesson 3 Skills Practice

## *The Pythagorean Theorem*

Write an equation you could use to find the length of the missing side of each right triangle. Then find the missing length. Round to the nearest tenth if necessary.



7.  $a = 1$  m,  $b = 3$  m

8.  $a = 2$  in.,  $c = 5$  in.

9.  $b = 4$  ft,  $c = 7$  ft

10.  $a = 4$  km,  $b = 9$  km

11.  $a = 10$  yd,  $c = 18$  yd

12.  $b = 18$  ft,  $c = 20$  ft

13.  $a = 5$  yd,  $b = 11$  yd

14.  $a = 12$  cm,  $c = 16$  cm

15.  $b = 22$  m,  $c = 25$  m

16.  $a = 21$  ft,  $b = 72$  ft