

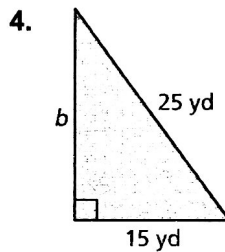
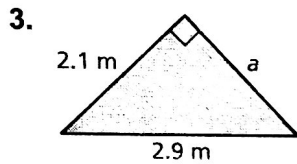
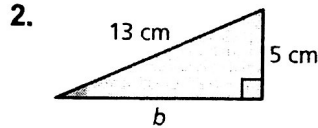
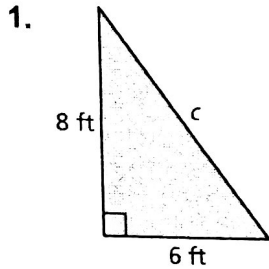
Name \_\_\_\_\_

Date HW

# 7.3

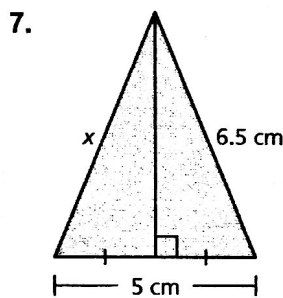
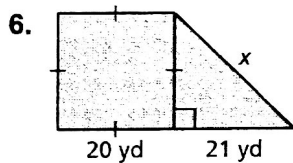
## Practice A

Find the missing length of the triangle.



5. A small shelf sits on two braces that are in the shape of a right triangle. The leg (brace) attached to the wall is 4.5 inches and the hypotenuse is 7.5 inches. The leg holding the shelf is the same length as the width of the shelf. What is the width of the shelf?

Find the missing length of the figure.



8. Can a right triangle have a leg that is 10 meters long and a hypotenuse that is 10 meters long? Explain.
9. One leg of a right triangular piece of land has a length of 24 yards. The hypotenuse has a length of 74 yards. The other leg has a length of  $10x$  yards. What is the value of  $x$ ?