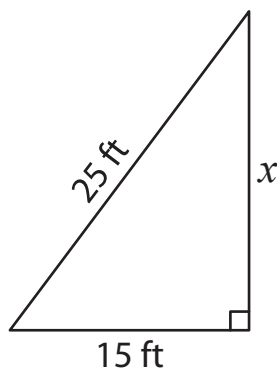


# Finding Missing Side Lengths in Right Triangles

Answer Key

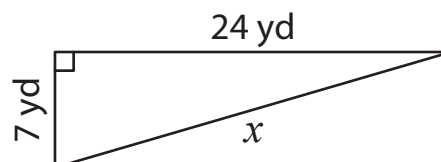
Determine the missing length in each right triangle using the Pythagorean theorem.

1)



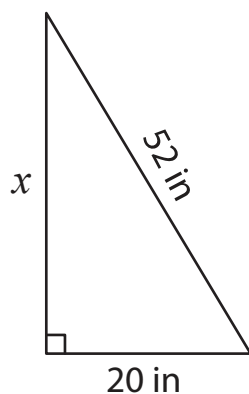
$$x = \underline{\quad 20 \text{ ft} \quad}$$

2)



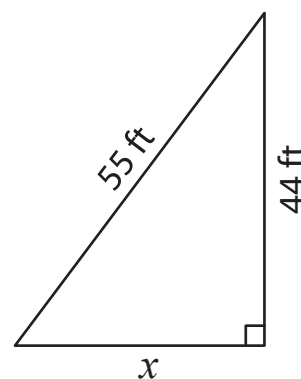
$$x = \underline{\quad 25 \text{ yd} \quad}$$

3)



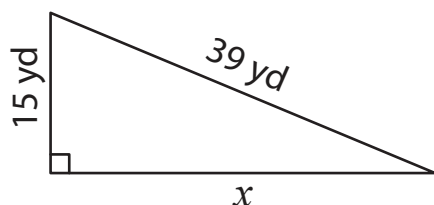
$$x = \underline{\quad 48 \text{ in} \quad}$$

4)



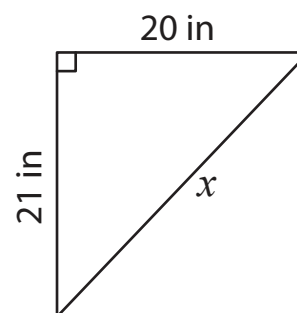
$$x = \underline{\quad 33 \text{ ft} \quad}$$

5)



$$x = \underline{\quad 36 \text{ yd} \quad}$$

6)



$$x = \underline{\quad 29 \text{ in} \quad}$$