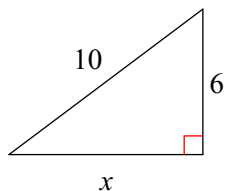


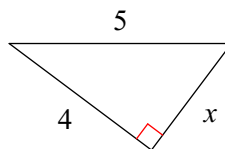
Pythagorean Theorem and Converse

Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

1)

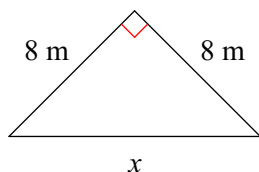


2)

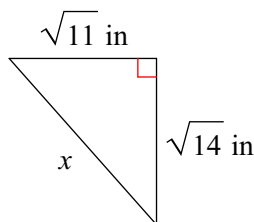


Find the missing side of each triangle. Leave your answers in simplest radical form.

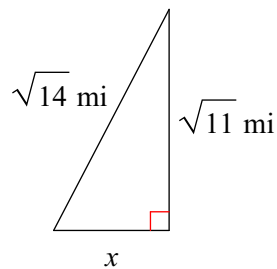
3)



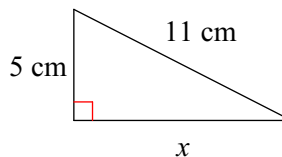
4)



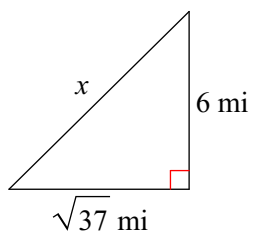
5)



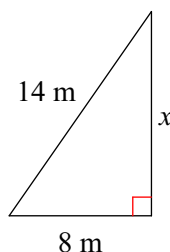
6)



7)

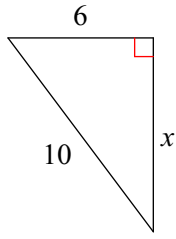


8)

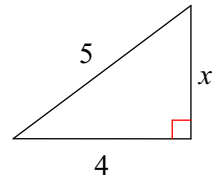


Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

9)

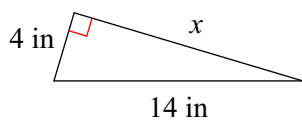


10)

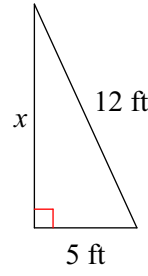


Find the missing side of each triangle. Leave your answers in simplest radical form.

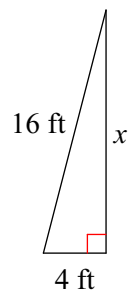
11)



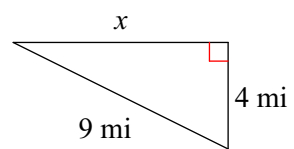
12)



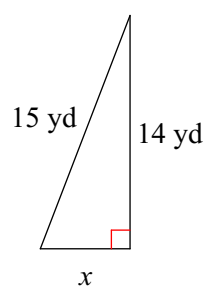
13)



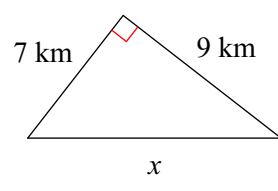
14)



15)



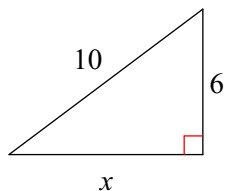
16)



Pythagorean Theorem and Converse

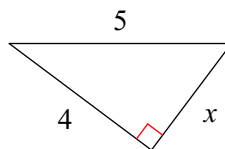
Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

1)



8

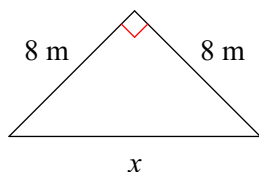
2)



3

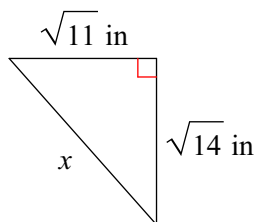
Find the missing side of each triangle. Leave your answers in simplest radical form.

3)



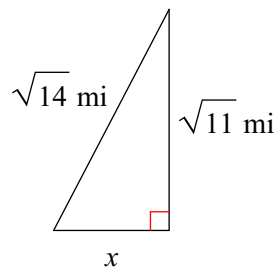
$8\sqrt{2}$ m

4)



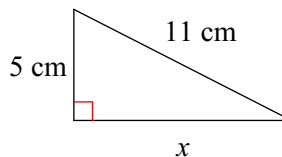
5 in

5)



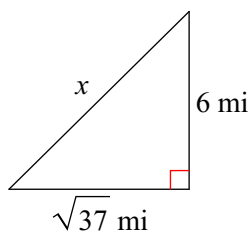
$\sqrt{3}$ mi

6)



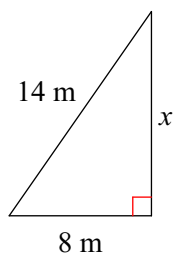
$4\sqrt{6}$ cm

7)



$\sqrt{73}$ mi

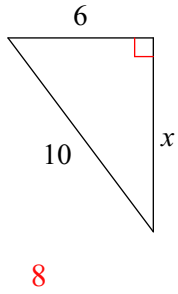
8)



$2\sqrt{33}$ m

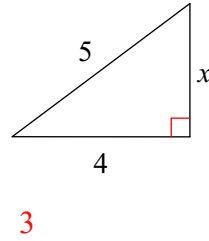
Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

9)



8

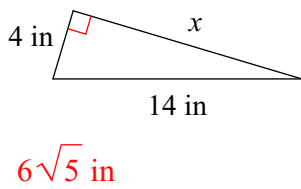
10)



3

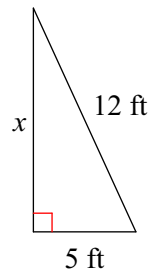
Find the missing side of each triangle. Leave your answers in simplest radical form.

11)



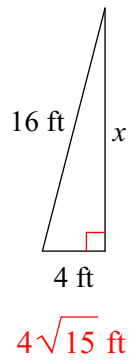
$6\sqrt{5}$ in

12)



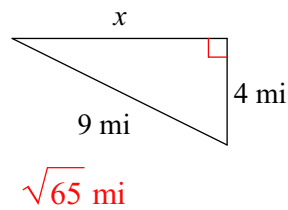
$\sqrt{119}$ ft

13)



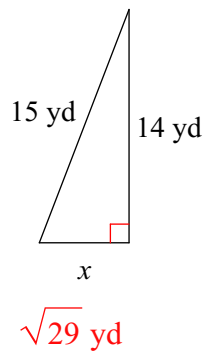
$4\sqrt{15}$ ft

14)



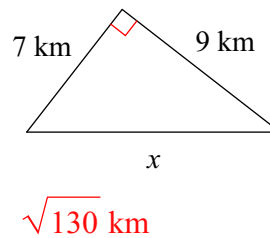
$\sqrt{65}$ mi

15)



$\sqrt{29}$ yd

16)



$\sqrt{130}$ km