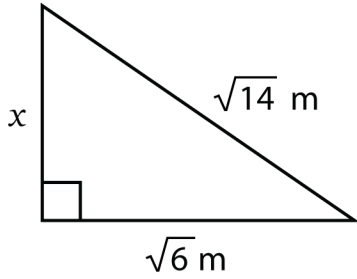


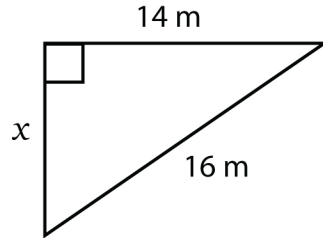
Name: _____

PYTHAGOREAN THEOREM AND RADICALS

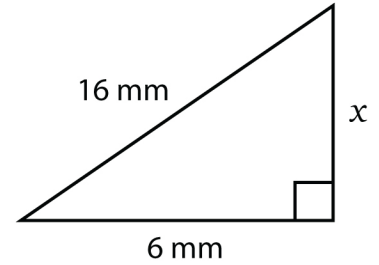
Apply the Pythagoras' theorem to find x . Leave your answer in simple radical form.



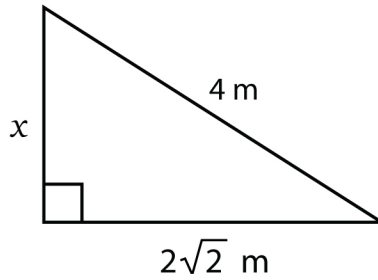
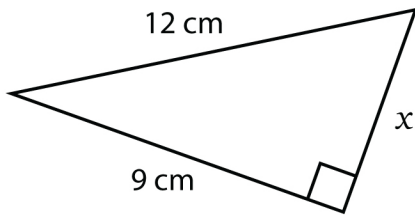
$x =$ _____



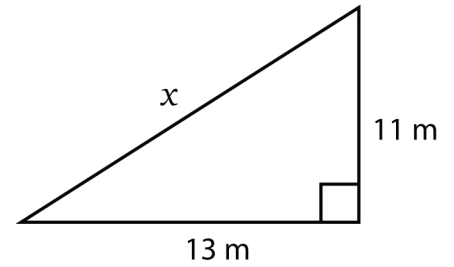
$x =$ _____



$x =$ _____

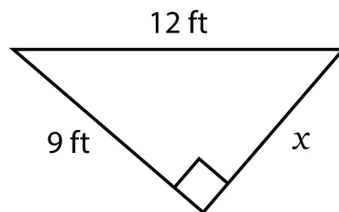
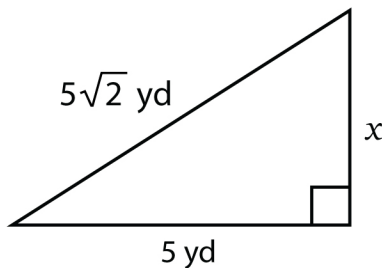


$x =$ _____

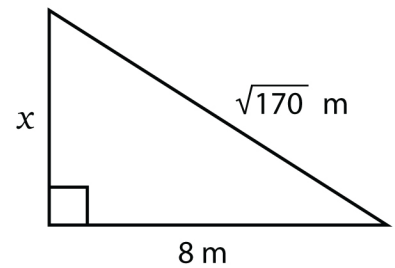


$x =$ _____

$x =$ _____



$x =$ _____



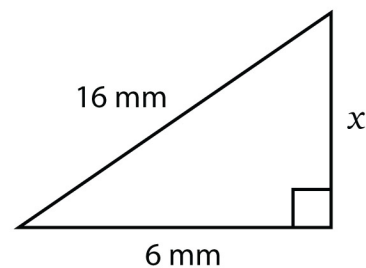
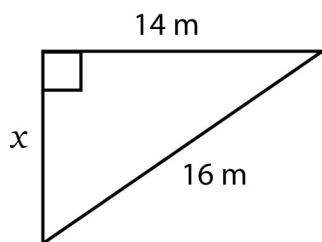
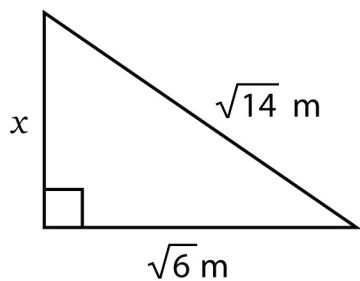
$x =$ _____

$x =$ _____

Name: _____

PYTHAGOREAN THEOREM AND RADICALS

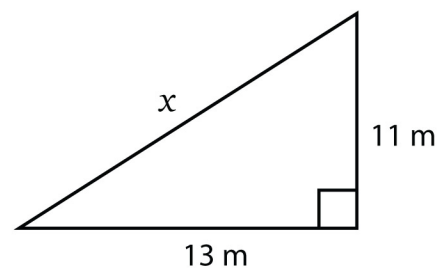
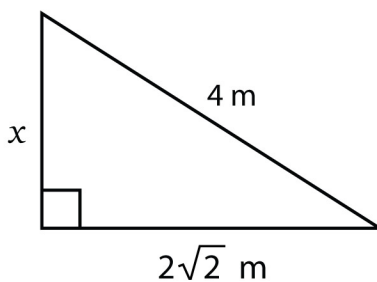
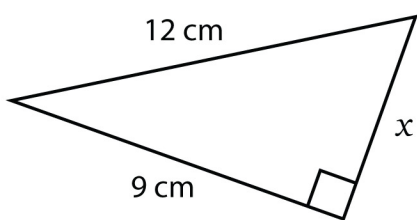
Answers



$$x = \underline{2\sqrt{2} \text{ m}}$$

$$x = \underline{2\sqrt{15} \text{ m}}$$

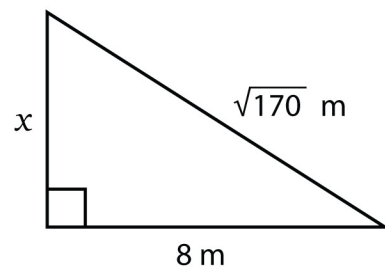
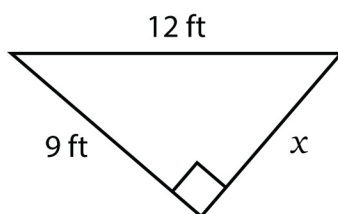
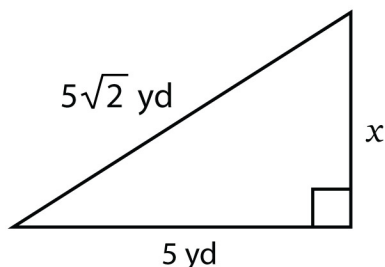
$$x = \underline{2\sqrt{55} \text{ mm}}$$



$$x = \underline{3\sqrt{7} \text{ cm}}$$

$$x = \underline{2\sqrt{2} \text{ m}}$$

$$x = \underline{\sqrt{290} \text{ m}}$$



$$x = \underline{5 \text{ yd}}$$

$$x = \underline{3\sqrt{7} \text{ ft}}$$

$$x = \underline{\sqrt{106} \text{ ft}}$$