Pythagorean Theorem

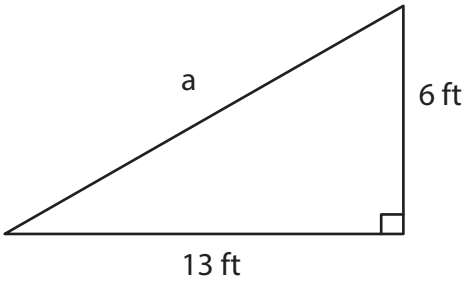
Name _____

Score _____

PT:12

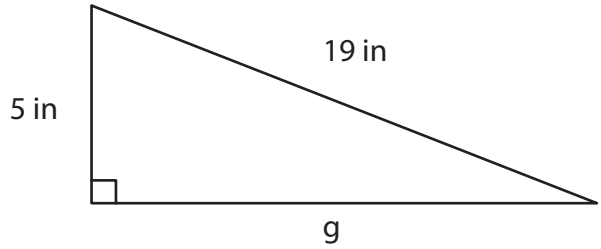
Find the value of a variable in each right triangle by applying the pythagorean theorem. Round the answer to nearest tenth place.

1)



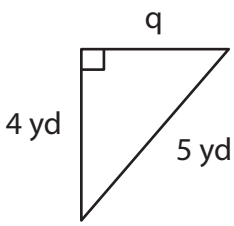
a = _____

2)



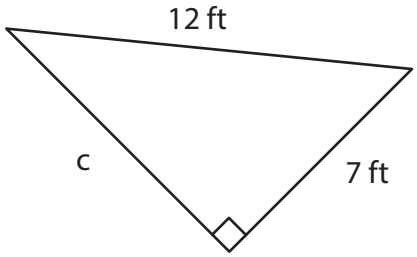
g = _____

3)



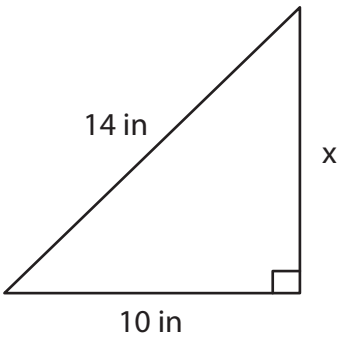
q = _____

4)



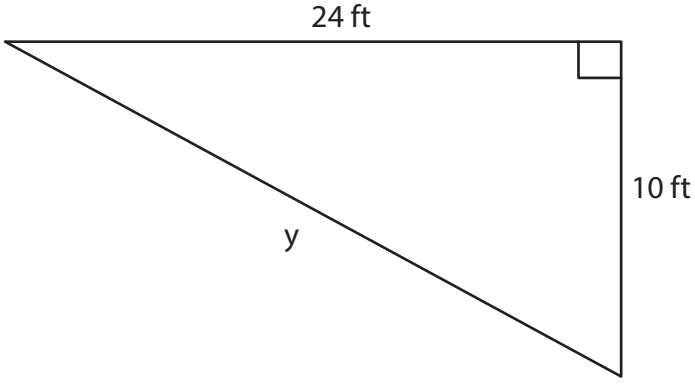
c = _____

5)



x = _____

6)



y = _____

Pythagorean Theorem

Name _____

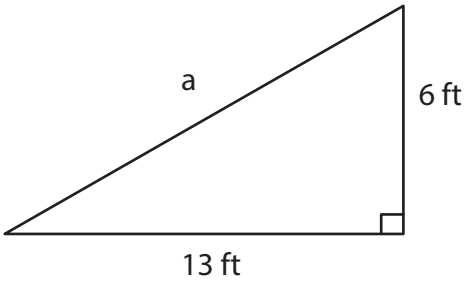
Score _____

Answer key

PT:12

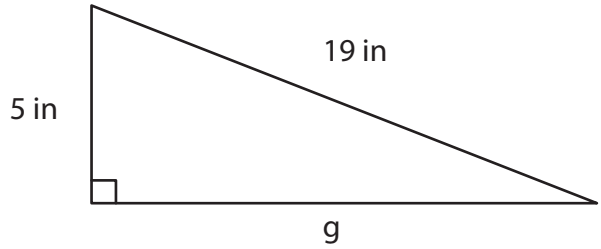
Find the value of a variable in each right triangle by applying the pythagorean theorem. Round the answer to nearest tenth place.

1)



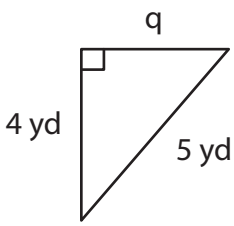
a = **14.3 ft**

2)



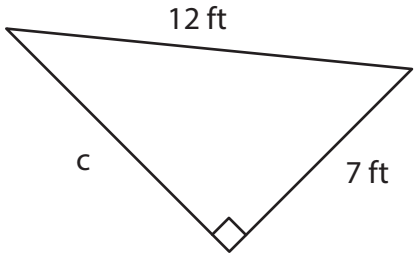
g = **18.3 in**

3)



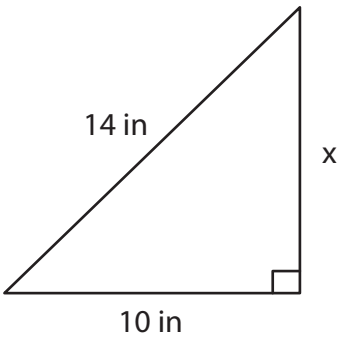
q = **3 yd**

4)



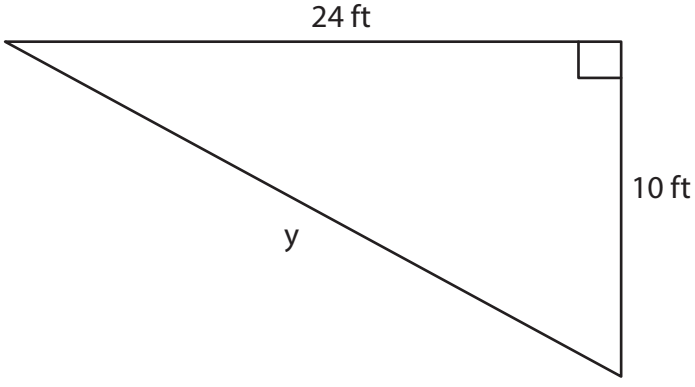
c = **9.7 ft**

5)



x = **9.8 in**

6)



y = **26 ft**