



# Pythagorean Theorem

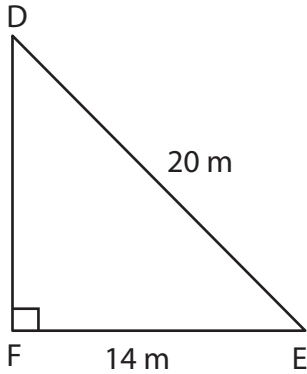
Name \_\_\_\_\_

Score \_\_\_\_\_

PT:14

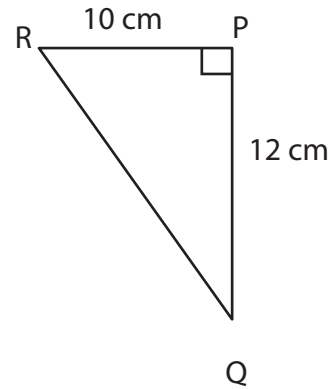
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



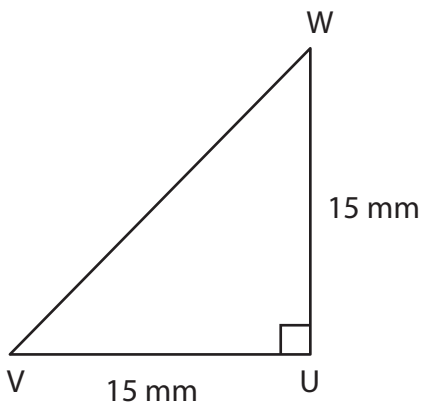
DF =

2)



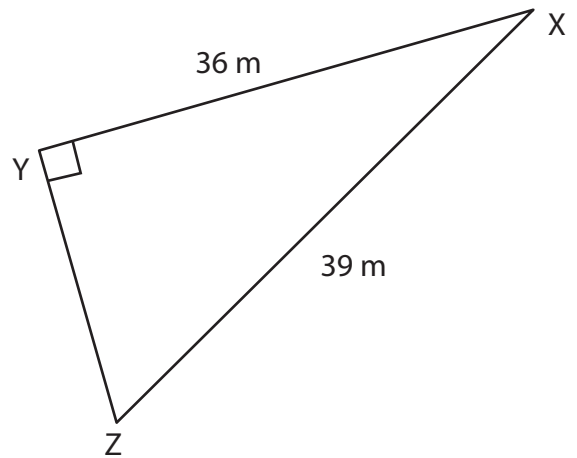
QR =

3)



VW =

4)



YZ =

'c' is the hypotenuse of a right triangle. Find the missing side length. Round the answer to the nearest tenth place.

1) a = \_\_\_\_\_

2) a = 14 cm

3) a = 9 mm

b = 11 m

b = 48 cm

b = \_\_\_\_\_

c = 19 m

c = \_\_\_\_\_

c = 14 mm



# Pythagorean Theorem

Name \_\_\_\_\_

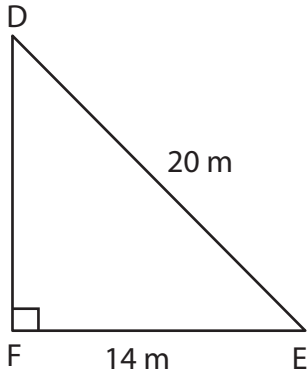
Score \_\_\_\_\_

## Answer key

PT:14

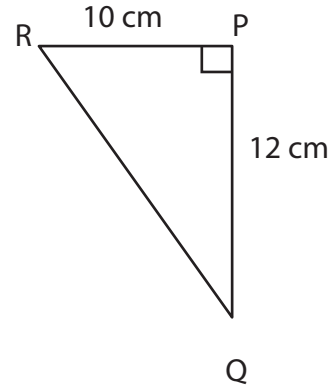
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



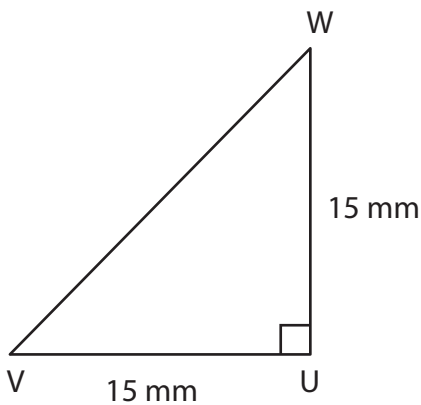
DF = **14.3 m**

2)



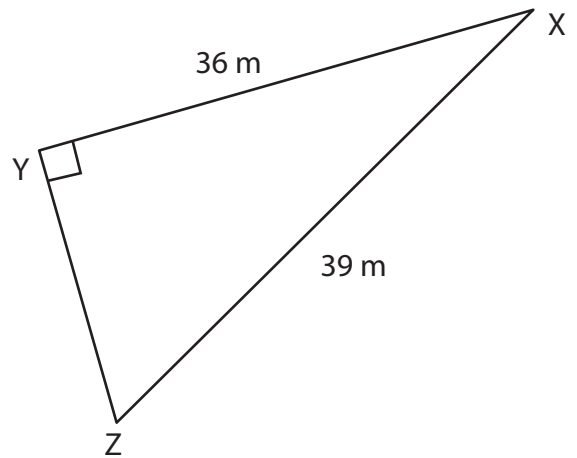
QR = **15.6 cm**

3)



VW = **21.2 mm**

4)



YZ = **15 m**

'c' is the hypotenuse of a right triangle. Find the missing side length. Round the answer to the nearest tenth place.

1) a = **15.5 m**

2) a = 14 cm

3) a = 9 mm

b = 11 m

b = 48 cm

b = **10.7 mm**

c = 19 m

c = **50 cm**

c = 14 mm