Pythagorean Theorem

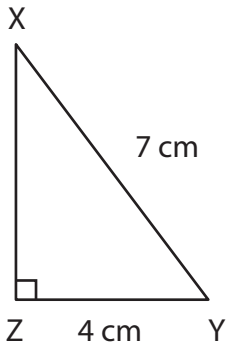
Name _____

Score _____

PT:15

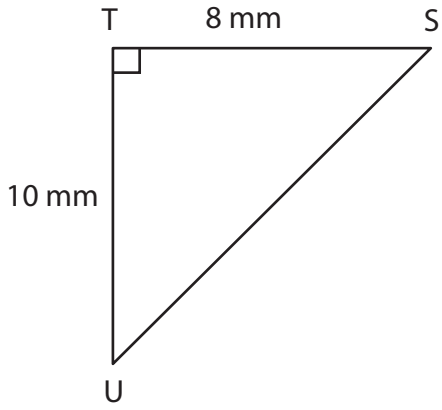
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



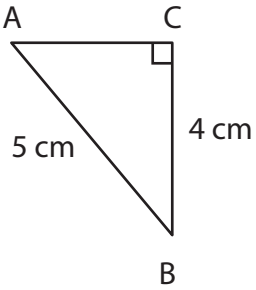
XZ = _____

2)



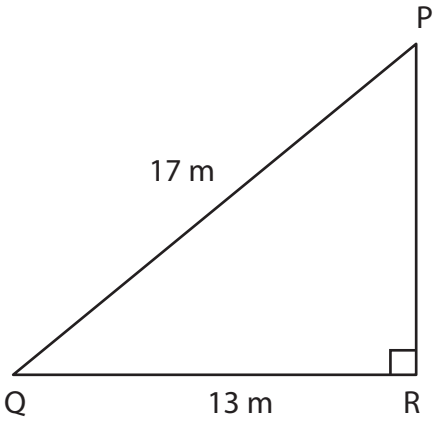
SU = _____

3)



AC = _____

4)



PR = _____

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

1) a = 9 mm

b = _____

c = 41 mm

2) a = _____

b = 7 m

c = 10 m

3) a = 13 cm

b = 19 cm

c = _____

Pythagorean Theorem

Name _____

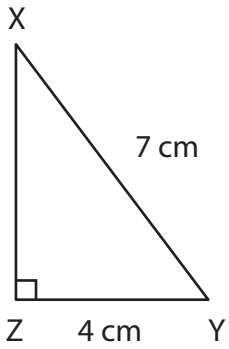
Score _____

Answer key

PT:15

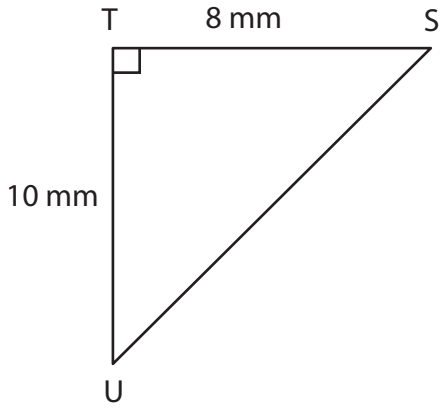
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



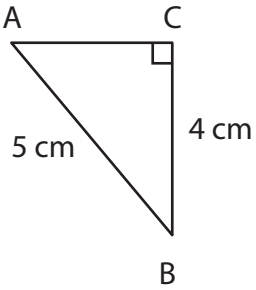
XZ = **5.7 cm**

2)



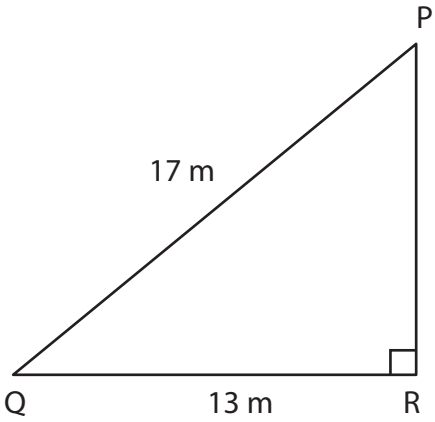
SU = **12.8 mm**

3)



AC = **3 cm**

4)



PR = **11 m**

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

1) a = 9 mm

b = **40 mm**

c = 41 mm

2) a = **7.1 m**

b = 7 m

c = 10 m

3) a = 13 cm

b = 19 cm

c = **23 cm**