



Pythagorean Theorem

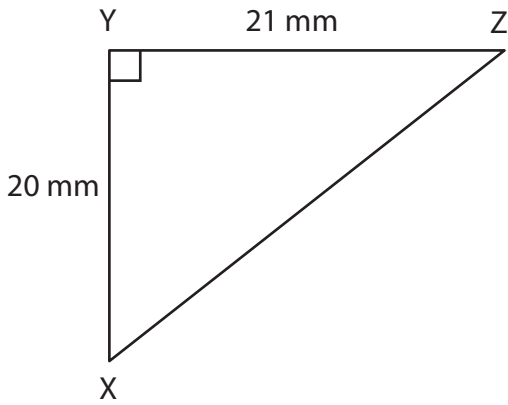
Name _____

Score _____

PT:13

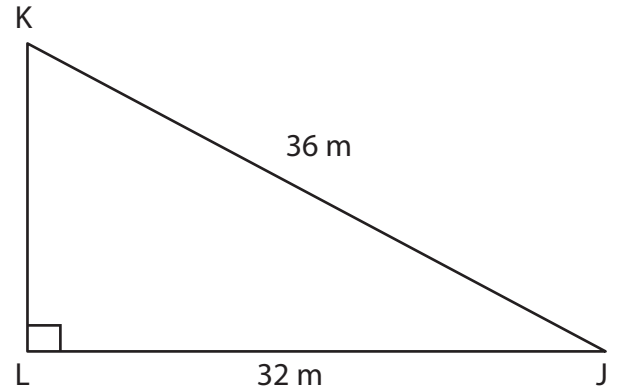
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



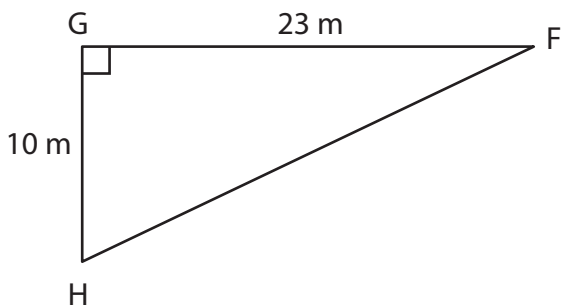
XZ =

2)



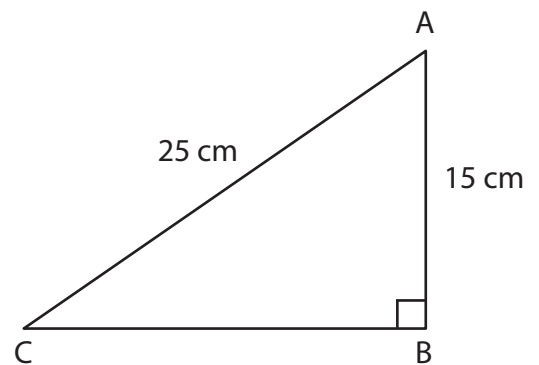
KL =

3)



FH =

4)



BC =

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

1) a = 8 cm

2) a = 12 mm

3) a = _____

b = 15 cm

b = _____

b = 63 m

c = _____

c = 18 mm

c = 65 m



Pythagorean Theorem

Name _____

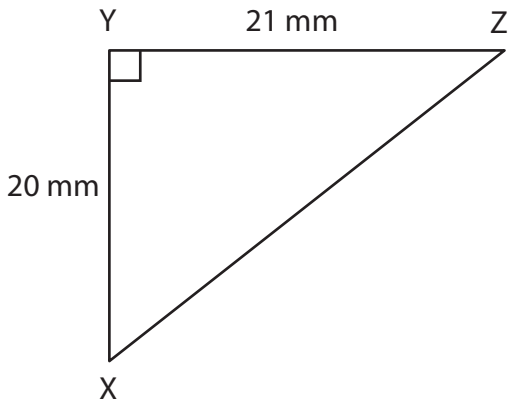
Score _____

Answer key

PT:13

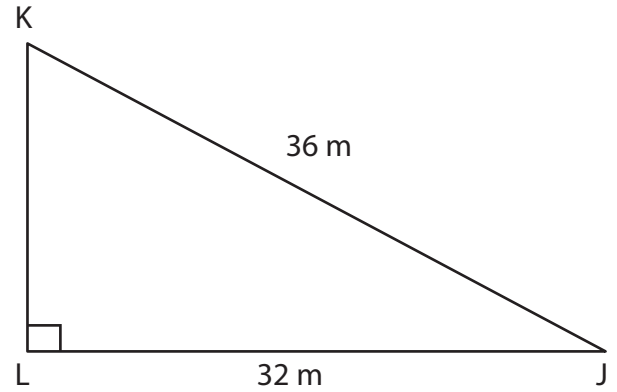
Find the missing side length of each right triangle by applying the Pythagorean theorem. Round the answer to nearest tenth place.

1)



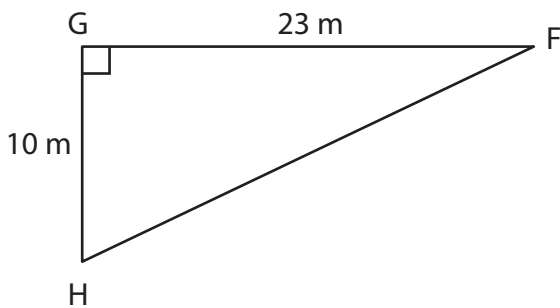
XZ = **29 mm**

2)



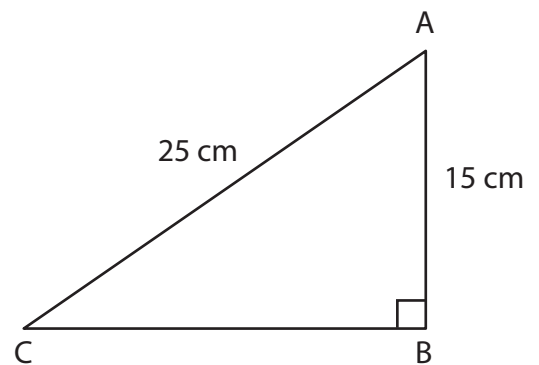
KL = **16.5 m**

3)



FH = **25.1 m**

4)



BC = **20 cm**

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

1) a = 8 cm

2) a = 12 mm

3) a = **16 m**

b = 15 cm

b = **13.4 mm**

b = 63 m

c = **17 cm**

c = 18 mm

c = 65 m