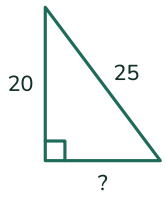
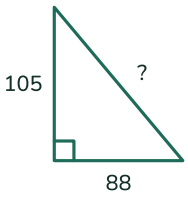
Pythagorean Theorem · Grade 8

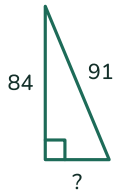
Name _____ Date _____ Score _____ / 6



01 Find the missing leg = _____



02 Find the hypotenuse = _____



03 Find the missing leg = _____

04

Sides 4, 12 and 13. Is it a right triangle?

_____

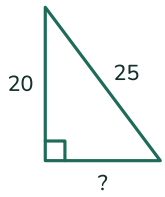
05 A hiker walks 8 km north, then 6 km east. How far is the hiker from the start, in a straight line?

Answer: _____

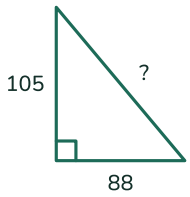
06 A gate is 144 cm wide and 130 cm tall. How long is the brace that runs corner to corner?

Answer: _____

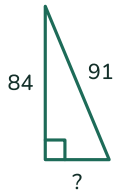
Pythagorean Theorem · Grade 8 (Answer Key)



01 Find the missing leg = **15**



02 Find the hypotenuse = **137**



03 Find the missing leg = **35**

04

Sides 4, 12 and 13. Is it a right triangle?

No: $4^2 + 12^2 \neq 13^2$

05 A hiker walks 8 km north, then 6 km east. How far is the hiker from the start, in a straight line?

10 km

06 A gate is 144 cm wide and 130 cm tall. How long is the brace that runs corner to corner?

194 cm