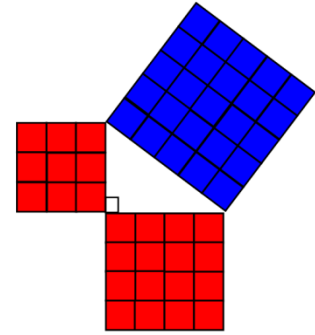
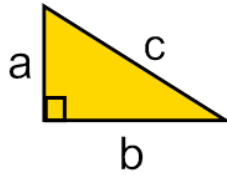


Exploring the Pythagorean Relationship



The _____ of the _____ of squares on the two _____ sides of a _____ angled triangle _____ the _____ of the square on the third side, the _____.

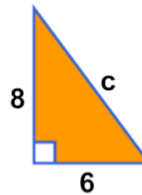
The Pythagorean Theorem can be used to find the _____ of the third side of a _____ triangle when the lengths of the other two _____ are known.

Tiger Woods wants to play this par 3 hole by making it in one hit. How can he do that?

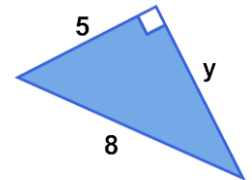


Example 1:

a)

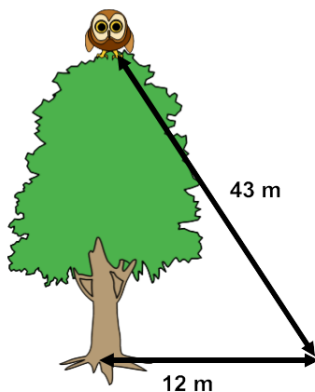


b)



Example 2:

How far above the ground is Ollie the owl?



Example 3:

Determine the height of an equilateral triangle with sides 2 cm long. Round your answer to one decimal place.