

Reason With Right Triangle Lengths: Practice Independently



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Right triangles

For perpendicular legs a and b and hypotenuse c , $a^2 + b^2 = c^2$. The hypotenuse is opposite the right angle.

1. Find the missing leg if $c = 10$ and the other leg is 6.

2. Do lengths 6, 8 and 10 make a right triangle?
