

Reason With Right Triangle Lengths: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

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 c if the legs are 3 and 4.

2. Find c if the legs are 5 and 12.
