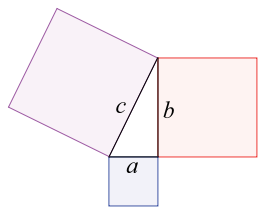
**Pythagorean Theorem Notes** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pythagorean Theorem** states that the sum of the areas of the two squares on the legs equals the area of the square on the hypotenuse.

[](http://upload.wikimedia.org/wikipedia/commons/d/d2/Pythagorean.svg)

**Determine if the side length will make a right triangle.**

**1.** 20, 21, 29 **2.** 10, 15, 20 **3.** 45, 53, 28



**Pause the video and try the problems on your own!**

**Then press play and check your answers with a color pen.**

**Determine if the side length will make a right triangle.**

**1.** 7, 11, 12 **2.** 15, 20, 25 **3.** 30, 34, 16