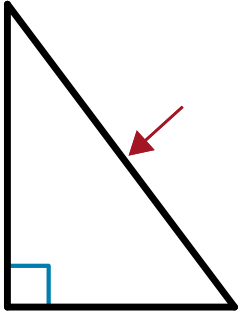
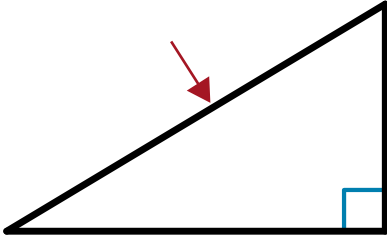
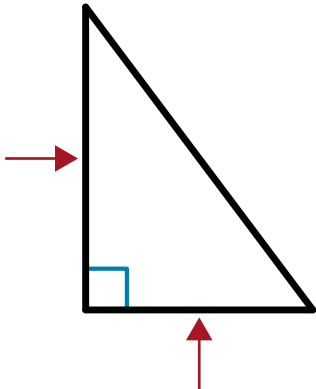


Hypotenuse

Examples & Non-Examples

Example	Example	Non-Example
		

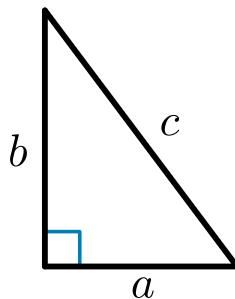
Definition

The **hypotenuse** is the longest side of a right triangle. It's the side that is **across from the right angle**, and it connects the two shorter sides. In other words, if you see a right triangle, the hypotenuse is the side that doesn't touch the square corner!

Example

In a right triangle with sides a , b , and hypotenuse c , the relationship is given by the **Pythagorean theorem**:

$$a^2 + b^2 = c^2$$



So, the hypotenuse c is the side that satisfies this equation.

