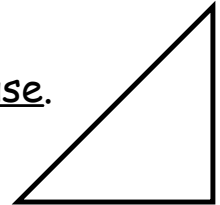


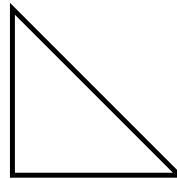
4.4 The Pythagorean Theorem and the Distance Formula

In a right triangle, the sides that form the right angle are called legs.

The side opposite the right angle is called the hypotenuse.



The Pythagorean Theorem: In a right triangle, the square of the length of the hypotenuse is equal to the sum of the squares of the lengths of the legs.



Checkpoint in the middle of page 193.

The Distance Formula: Finds the distance between two points in a coordinate plane.

Checkpoint at the bottom of page 194.