

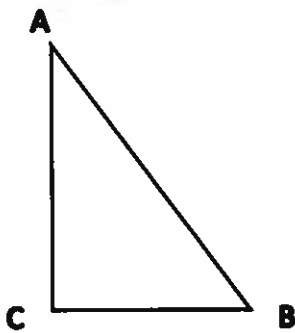
Review I

Pythagorean Theorem

The Pythagorean Theorem states that for every right-angled triangle the following is true:

The area of the square drawn above the hypotenuse is equal to the sum of the areas of the two smaller squares drawn above the legs of the triangle.

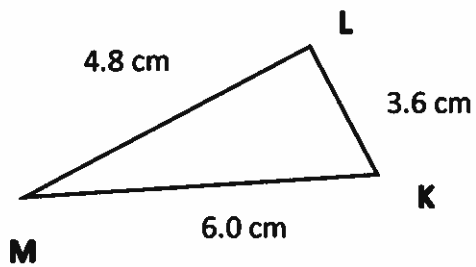
This can be simplified as follows:



Note, it is possible to apply the Pythagorean Theorem to determine whether a given triangle has a 90° angle.

How does it work?

Example 1: Determine whether triangle KLM is a right-angled triangle. Justify your answer.



Example 2: Determine whether triangle QRS is a right-angled triangle. Justify your answer.

