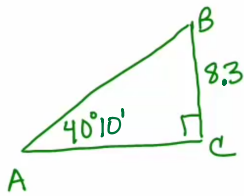# Solving the Triangle

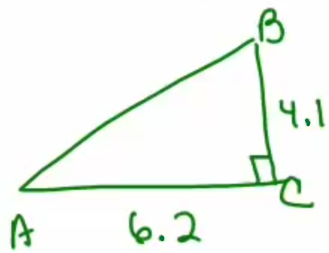## What does 'solving the triangle' mean?

It means that if we are given some facts about a triangle, we can find some or all of the rest. For example, if we know two sides of a right triangle we can find (or 'solve for') the third side using Pythagoras' Theorem.

To completely solve a triangle it usually means finding everything about it - all three sides and all three angles. But often we are just interested in one unknown aspect of the triangle.

Solve Right Triangle 1

Solve Right Triangle 2

Solve Right Triangle 3

Solve the right triangle if
$B = 32° 10'$ and $c = 12.3$
$C = 90°$.