

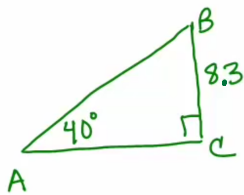
Solving the Triangle

What does 'solving the triangle' mean?

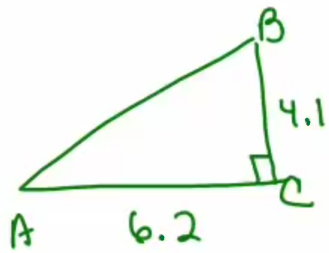
It means that if we are given some facts about a triangle, we can find some or all of the rest. For example, if we know two sides of a right triangle we can find (or 'solve for') the third side using Pythagoras' Theorem.

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

$$B = 32^\circ \text{ and } c = 12.3$$