

Unit 5: Triangle Trigonometry

Day 4: Sine Law

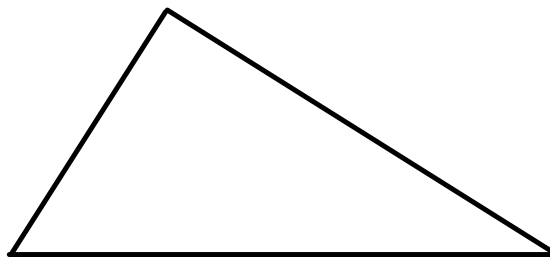
Today we will....

1. Learn the Sine Law
2. Use the Sine Law to find missing sides and angles in non-right angled triangles.

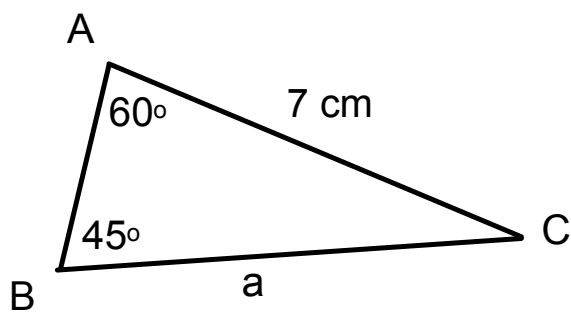
The Sine Law

SOH CAH TOA only works for right angled triangles.

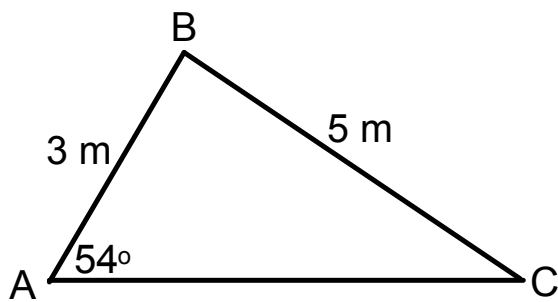
We need something else...



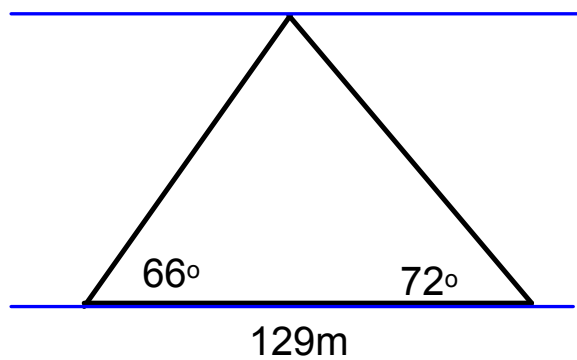
Example 1:
Use the sine law to find the indicated side



Example 2: Solve ABC



Example 3: A surveyor takes the following measurements to determine the distance across a river. How wide is the river?



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