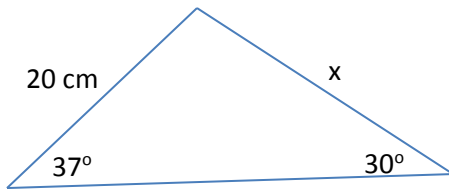


# The Sine Law

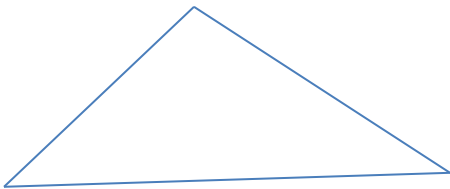
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Warm up - Solve for the missing side in the triangle below.

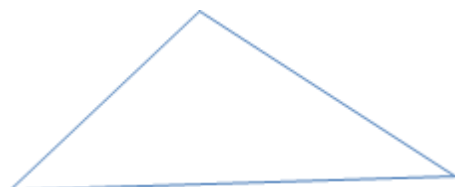


Today we will look at the sine law (or the “law of sines”). The formula we look at today will apply to **any triangle**, not just a right triangle.

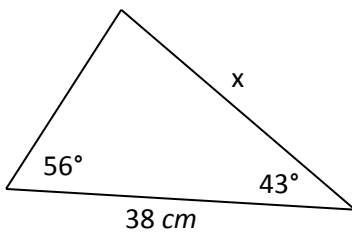
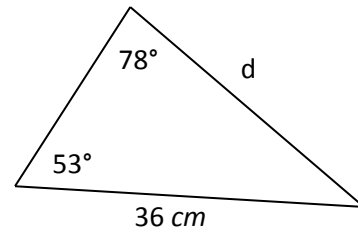
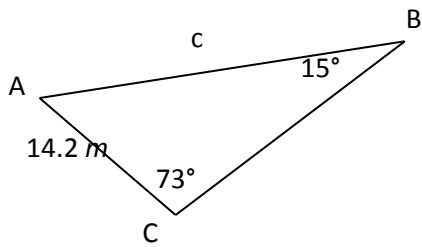
Label the triangle below using A, B and C as angles.



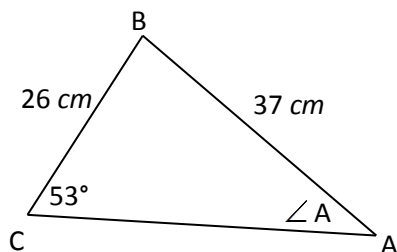
**Summary**



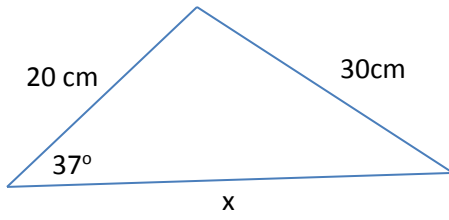
**Examples:** Use the sine law to solve for the missing side in each triangle below.



The sine law can also be used to solve for angles. Try the example below.



Sometimes the sine law needs to be used multiple times.



Text page 366 #1 – 2, 3af, 4, 5a