

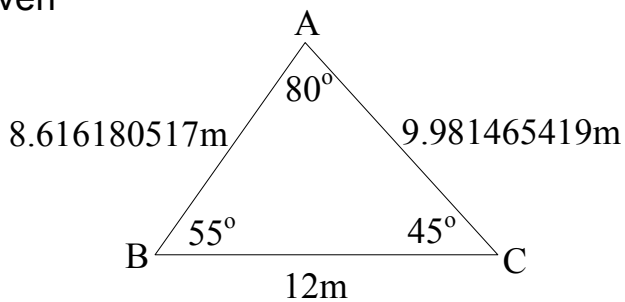
## Review Pg.540 #5

### U7L2 – 6.3 – Investigating the Sine Law

Students will learn the sine law and use it to find missing angles and sides in non-right triangles.

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Given



Find i)  $\frac{\sin A}{a}$

ii)  $\frac{\sin B}{b}$

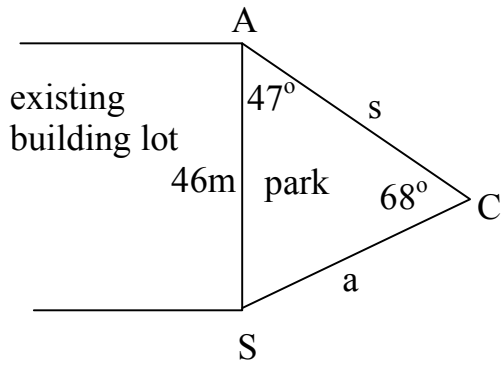
iii)  $\frac{\sin C}{c}$

What do you notice about the 3 ratios above?

Read the Key Ideas on pg. 547.



3. The town surveyor has to stake the lot markers for a new public park beside and existing building lot. The engineering department gave this sketch.



How much chain link fence will be needed to enclose the entire park?