

## Review Pg.550 #13

### U7L3 – 6.4 – Proving and Using the Sine Law

Students will prove the sine law and use it to solve problems.

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Complete Pg. 552 – 553

Note: #4 Pg. 552 If the triangle is viewed from a different perspective so that side AC is used as a base and an altitude is drawn from B, the steps (in numbers 1 through 3) can be repeated to show  $\frac{\sin A}{a} = \frac{\sin C}{c}$ . Since  $\frac{\sin A}{a}$  is common to both statements it can be seen that all three ratios are equal.

Copy the Key Ideas on pg. 554 into your notes.  
Read through examples 1 and 2 on pg.554 – 555.

Ex. Pg.555 – 557 #1,3,5,7,9,11