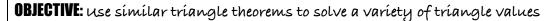
## **Solving using Similar Triangles**

Secondary Math II Notes



## Review

Angle Relationships: complementary & supplementary angles vertical Angles, Corresponding Angles, Alt. Interior angles, Alt. Exterior angles

Triangle Similarity: Corresponding sides are proportional and angles are congruent

Theorem 1: A line parallel to one side of a triangle divides the other two proportionally.

Theorem 2: The altitude to the hypotenuse of a right triangle forms two triangles that are similar to each other and to the original triangle.

