

Chapter 8 Quiz Prep (Sections 8.1, 8.2, and 9.3)

- a. Apply the Areas of Similar Polygons Theorem
- b. Use similarity ratios with scale models to find missing lengths
- c. Use similar figures to solve for unknown angles/side lengths
 - i. Similar figures have congruent corresponding angles
 - ii. Similar figures have corresponding sides that are equal in ratio
- d. Given a right triangle with the altitude drawn to the hypotenuse, write a similarity statement with the three triangles.
- e. Apply the Geometric Mean (Altitude) Theorem
- f. Apply the Geometric Mean (Leg) Theorem
- g. Given two numbers, find the geometric mean of the numbers.