

Honors Geometry Chapter 7 Review

You Can.....

- Find missing dimensions in right triangles using the Geometric Mean Altitude Theorem and the Geometric Mean Leg Theorem.
- Find missing dimensions in triangles or other shapes using Pythagorean Theorem.
- Use the relationships in Special Right Triangles to find missing sides of a right triangle or missing dimensions in a figure.
- Use Trigonometric ratios to find missing sides or angles in a right triangle.
- Given one Trigonometric ratio of one angle of a right triangle find the other Trigonometric ratios.
- Solve a triangle using Pythagorean Theorem, Trig, Law of Sines, and Law of Cosines.
- Derive and explain the Law of Sines and the area formula for a triangle given a side-angle-side
- Find the area of a triangle given a side-angle-side.
- Solve word problems involving Pythagorean Theorem, Special Right Triangles, or Trigonometry.
- Determine the difference between an exact and approximate answer.