

Chapter 8 Quiz Prep

1. Given a similarity statement, list all corresponding angles
2. Given a similarity statement, write a statement of proportionality
3. Given two similar figures, find and use the scale factor to solve for an unknown side length.
4. Use ratio of perimeters and areas to find corresponding side lengths in similar figures.
 - a. Scale factor = perimeter ratio
 - b. $(\text{scale factor})^2 = \text{area ratio}$
5. Write a two column proof $\rightarrow$ prove two triangles are similar by AA~