

Common Core Standards - Resource Page

The resources below have been created to assist teachers' understanding and to aid instruction of this standard.

Domain	Standard: G.SRT.5 - Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.
<p><u>Similarity, Right Triangles, and Trigonometry</u> Prove theorems involving similarity</p>	<p><u>Questions to Focus Learning</u> How does the use of congruency and similarity concepts allow us to model relationships between geometric figures?</p> <p>Applying the concepts of congruent and similar triangles when comparing geometric figures allows us to find measures of corresponding parts of those figures.</p> <p><u>Student Friendly Objectives</u></p> <p><i>Knowledge Targets</i></p> <p>I know the relationship between similarity and congruence. I can set up and write equivalent ratios. I can identify corresponding angles and sides of two triangles. I can determine a scale factor and use it in a proportion.</p> <p><i>Reasoning Targets</i></p> <p>I can solve geometric problems using congruence and similarity. I can prove relationships using congruence and similarity.</p> <p><u>Vocabulary</u></p> <p>congruence similarity</p> <p><u>Teacher Tips</u></p> <p><u>Vertical Progression</u></p>

The above information and more can be accessed for free on the [Wiki-Teacher](#) website.

Direct link for this standard: [G.SRT.5](#)