

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.3 - Use the properties of similarity transformations to establish the AA criterion for two triangles to be similar.
<p><u>Similarity, Right Triangles, and Trigonometry</u> Understand similarity in terms of similarity transformations</p>	<p><u>Questions to Focus Learning</u> How do triangle similarity criteria follow from similarity transformations? There are criteria that allow the conclusion two triangles are similar.</p> <p><u>Student Friendly Objectives</u> <i>Knowledge Targets</i></p> <p>I know the minimum requirements to prove triangles are similar. I know congruent triangles are also similar.</p> <p><i>Reasoning Targets</i></p> <p>I can use dilations to derive the Angle-Angle (AA) similarity criterion. I can prove triangles are similar using Angle-Angle similarity criterion.</p> <p><u>Vocabulary</u></p> <p>AA similarity (angle-angle)</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.3](#)