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Resource ID#: 44473

Primary Type: Problem-Solving Task

Reflected Triangles

This task asks students to use a straightedge and compass to construct the line across which a triangle is reflected.

Reflected Triangles (Microsoft Word): This file includes the task and the related information in Microsoft Word format.
Reflected Triangles (PDF): This file includes the task and related information in PDF format.

General Information

Subject(s): Mathematics

Grade Level(s): 9, 10, 11, 12

Intended Audience: [Educators](#), [Students](#), [Parents](#)

Suggested Technology: Adobe Acrobat Reader, Microsoft Office

Freely Available: Yes

Keywords: triangles, reflection, rigid motion geometry, Florida Standards

Instructional Component Type(s): [Problem-Solving Task](#)

Resource Collection: Illustrative Mathematics

Source and Access Information

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Name of Author/Source: Hannah Davis

District/Organization of Contributor(s): Leon

Is this Resource freely Available? Yes

Access Privileges: Public

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Aligned Standards

Name	Description
MAFS.912.G-CO.4.12:	<p>Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). Copying a segment; copying an angle; bisecting a segment; bisecting an angle; constructing perpendicular lines, including the perpendicular bisector of a line segment; and constructing a line parallel to a given line through a point not on the line.</p> <p>Clarifications: Geometry - Fluency Recommendations</p> <p>Fluency with the use of construction tools, physical and computational, helps students draft a model of a geometric phenomenon and can lead to conjectures and proofs.</p>

