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Resource ID#: 131161

Primary Type: Tutorial

Direct Link: <https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-geometry/cc-7th-constructing-slicing-geometric-shapes/v/constructing-triangles-with-constraints>

Construct a Triangle with Given Side Lengths

This video demonstrates drawing a triangle when the side lengths are given.

General Information

Subject(s): Mathematics

Grade Level(s): 7

Intended Audience: [Students](#)

Instructional Time: 4 Minute(s)

Suggested Technology: Internet Connection, Speakers/Headphones

Keywords: constraints, triangle, draw a triangle, triangle sides

Instructional Component Type(s): [Tutorial](#), [Video/Audio/Animation](#),

Resource Collection: Secondary Math specific existing tutorials

Source and Access Information

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Name of Author/Source: Khan Academy

District/Organization of Contributor(s): Leon

Access Privileges: Public

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Aligned Standards

Name	Description
MAFS.7.G.1.2:	Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.