

Creating Triangles

If possible, with a partner, explore the following steps:

1. Draw or construct a few triangles.

2. Measure each interior angle:

What do you notice?

What do you wonder?

Are there any conclusions you can make about the sum of the interior angles of a triangle?

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3. Make a prediction about whether or not it is possible to create a triangle for which the sum of the interior angles is not 180° .