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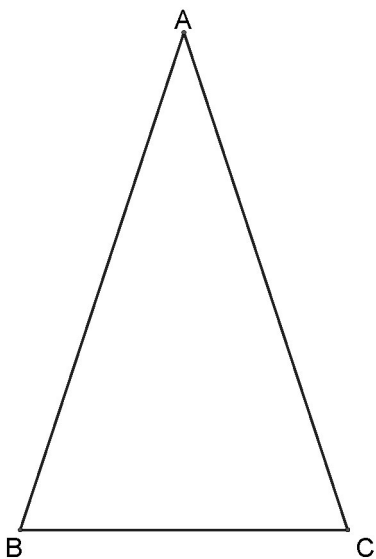
BLM 7.GR.1

Using a MIRA With Isosceles Triangles

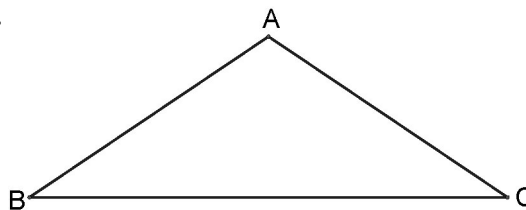
In each of the following, triangle ABC is an isosceles triangle. Use a MIRA to find the line of symmetry for the triangle. Label point D where the line of symmetry intersects with side BC. Using a ruler and a protractor, test the following properties:

- does AD bisect angle BAC?
- does point D bisect AC?
- does line segment AD create two congruent triangles? If so, name the corresponding parts.

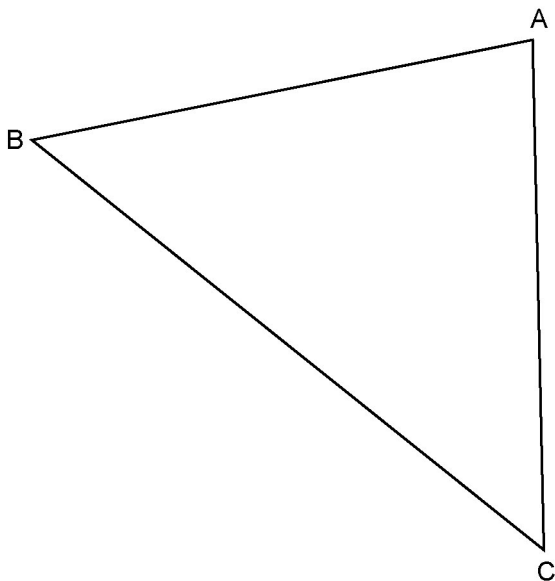
1.



2.



3.



4.

