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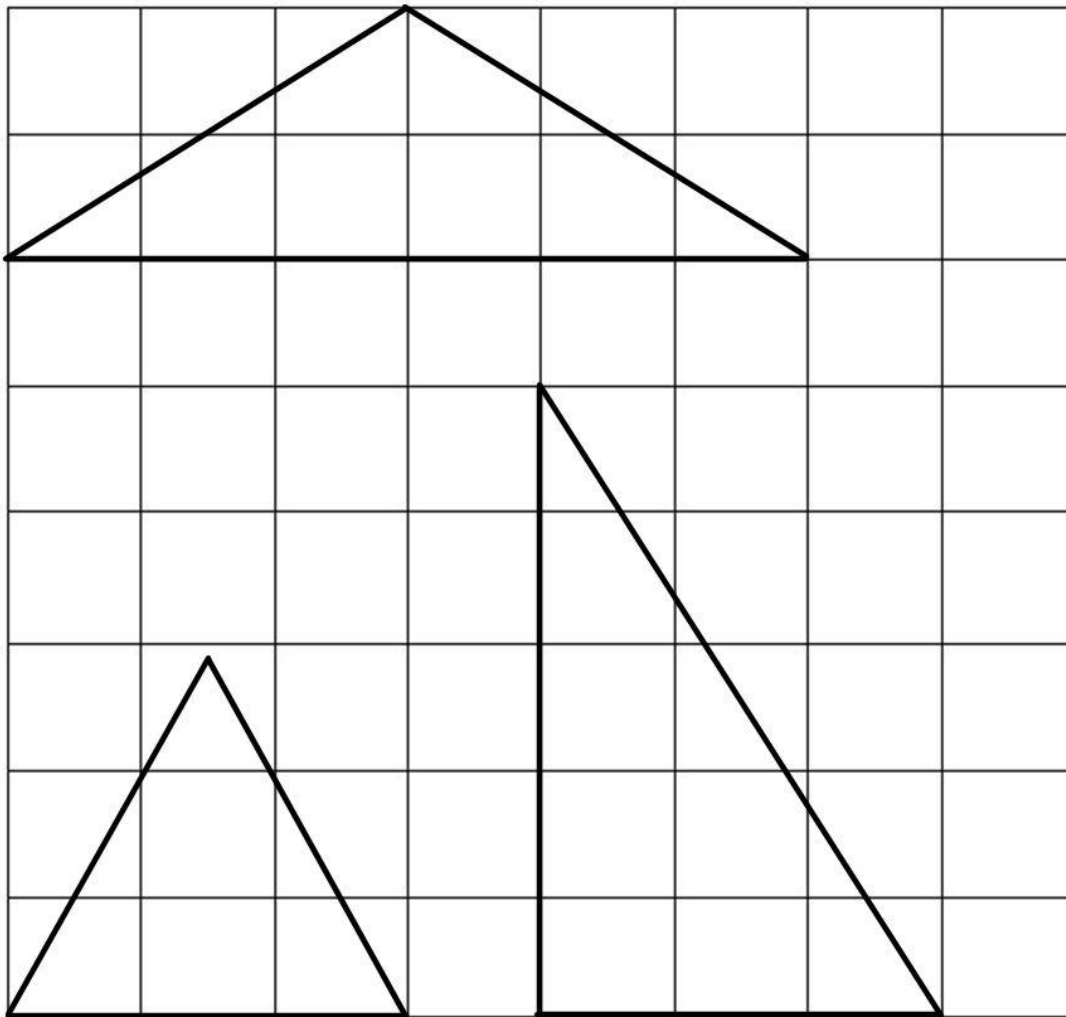
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**Geometry, Triangles**  
*Word Problems*  
**(4.G.2)**

**Directions:** Answer the following questions..

Heather has a bag full of different types of triangles. She gives all of the triangles labeled A to her friend Tracy, all B triangles to Michelle, and all C triangles to Shelly. What type of triangle does each girl get? Classify the triangles by the length of their sides and angles. Explain how you know which type of triangle each girl gets.

**A**



**B**

**C**



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## KEY

- A. Tracy's triangles are isosceles triangles because two sides are the same length. They are also obtuse triangles. One of the angles measures more than 90 degrees.
- B. Michelle's triangles are equilateral triangles. All of the sides are the same length. They are also acute triangles. All of the angles are less than 90 degrees.
- C. Shelly's triangles are scalene. None of the sides are the same length. They are also right triangles. There is one angle that measure 90 degrees.



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