

LESSON 23: Drawing and Constructing Triangles

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**Homework**  
.....**Name** \_\_\_\_\_**Date** \_\_\_\_\_

**Directions:** Construct a triangle that has angle measurements of Angle *A*:  $48^\circ$ , Angle *B*:  $60^\circ$ , and Angle *C*:  $72^\circ$ .

Explain how you constructed the triangle by writing the steps below.

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

Will your triangle be congruent to everyone else's in the class?  
Explain your answer.