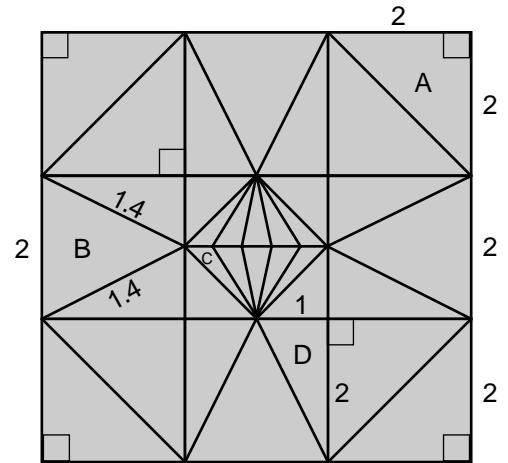Name_____

Classifying Triangles

PS 6-5

A patchwork design for quilts is made up
of triangles of different shapes, sizes,
and colors.

1. Classify triangle A by its sides and
   angles.

   _____

   _____

2. Classify triangle B by its sides and angles.

   _____

3. Classify triangle C by its sides and angles.

   _____

4. Classify triangle D by its sides and angles.

   _____

5. Jacob took three sticks that were each 7 in. long. He formed
   a triangle with the sticks, with the tips of each stick touching
   another. What is the measure of each of the angles?

   _____

6. **Writing in Math** Mindy says that if a triangle has two
   angles that are both 42°, the triangle is an acute triangle.
   Is she right? Explain your answer.

   _____

   _____

   _____

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Use with Lesson 6-5. **77**