Name _____ Date _____

Compare Figures

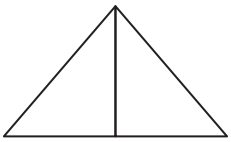
TAKS Objective 3
TEKS 3.8

Solve each problem.

1. If a triangle has sides that are 10 inches, 10 inches, and 12 inches in length, what kind of triangle is it?

2. Suppose a triangle had a 3-inch side, a 7-inch side, and a 5-inch side. What kind of triangle would it be?

3. How many triangles are shown in the figure below? Label each triangle with its special name.



4. How are a square and an equilateral triangle alike? How are they different?

5. How is classifying a triangle as a right triangle different from classifying it as equilateral, scalene, or isosceles?

6. The triangle shown below is an isosceles triangle. What is the length of its unlabeled side? Explain how you know.