**WS 12-3 Classifying Triangles** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_

**Classify the triangle by its angles and by its sides.**

1. 2. 3.

  

8.6





**Find x.**

4. 5.



**Find the lengths of the sides of the triangle.** (hint: Solve for x, then plug x into each side to find their lengths)

6. 7.

**Determine if the triangle is Equilateral, Isosceles, or Scalene.**

8. Find the measures of the sides of KPL and classify each triangle by its sides

K( 3, 2) P(2, 1), L( 2, 3)