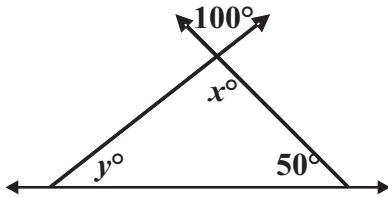**Challenge Problems**

8.4

Set 1

1 One of the triangle classifications listed is not possible. Identify the classification that is not possible. Explain your choice.

obtuse scalene
right equilateral
right isosceles

Set 2

1 In a triangle, two of the angle measures are equal. The third angle measures 80°. What is the measure of the two congruent angles?

2 Find the values of x and y.

Additional Work Area