Geometry B Name:

Angle Pair Story Problems

**To receive full credit, you must show all of your work and DRAW A PICTURE!!!**

1. The measure of one angle is four times the measure of its complement. Find the measure of both angles.

**x = \_\_\_\_\_\_\_\_\_\_\_\_\_ one angle = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ second angle = \_\_\_\_\_\_\_\_\_**

2. The measure of one angle is 20 more than 3 times the measure of its supplement. Find the measure of both angles.

**x = \_\_\_\_\_\_\_\_\_\_\_\_\_ one angle = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ second angle = \_\_\_\_\_\_\_\_\_**