**Pre-Quiz**

**Solve for x and y using substitution**

1. 2x – 5 = -7

x = -y – 11

**Solve by graphing. Find the intersected point and round to the nearest tenth.**

2. { x + 2y = 8

{ y = log2x

**Write a system of equations to describe the situation below, solve using substitution, and fill in the blanks.**

3. Jack is going to send some flowers to his wife. Fairview Florist $2 per rose, plus $39 for the vase. Nick’s Flowers, in contrast, charges $3 per rose and $14 for the vase. If Jack orders the bouquet with a certain number of roses, the cost will be the same with either flower shop. How many roses would there be? What would the total cost be?

If the bouquet contains \_\_\_\_\_\_ roses, it will cost $\_\_\_\_\_\_.