**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Quiz Systems of Equations**

**Solve each system of equations using any method.**

1. $y=x-7$

$$y= -2x+8$$

1. $5x-6y=19$

$$4x+3y=10$$

1. $y=5x+6$

$$2x-3y=60$$

**Read each problem carefully then answer the questions. Write your answers in a complete sentence.**

1. Diana’s Photography Studio charges $5 per picture and a service charge fee of $85. Kayli’s Photography has a service charge of $130 plus $3.50 per picture.
	1. Write the equations then solve.
	2. How many pictures will they charge the same and how much?
	3. If you plan to have 100 pictures for your wedding, which Photography studio should you hire? Why?
2. Wendy and James went out and ate at the restaurant.
* Wendy purchased 3 sandwiches and 2 drinks for $15.75.
* James purchased 2 sandwiches and 1 drink at the same restaurant for $9.85.

How much does each sandwich and each drink cost?