**Round Table Review – Section 7-1**

Solve each system of equations using graphing. Write **no solution** or **infinitely many solutions** if appropriate. Use the graphs provided.

1) y = 3x - 1 2) y = ¾x + 2 3) y = 4x + 7

y = -2x + 4 ¾x – y = 4 y = -3x

**Round Table Review – Section 7-2**

Solve each system of equations using substitution. Write **no solution** or **infinitely many solutions** if appropriate.

1) y = x + 4 2) y = 2x + 7 3) 4x + 3y = -3

y = 3x y = 5x + 4 2x + y = -1

**Round Table Review – Section 7-3**

Solve each system of equations using elimination. Write **no solution** or **infinitely many solutions** if appropriate.

1) 2x + y = 3 2) 8x – 9y = 19 3) 5x + 7y = -1

-2x + y = 1 4x + y = -7 4x – 2y = 22

**Round Table Review – Story Problems**

Write a system of equations for each situation. Solve using any method. Make a table to help you organize the information.

1) Mrs. Hussain is giving a test with 40 questions. Some of the questions

are worth 2 points and some of the questions are worth 4 points. The

total is 100 points. Write and solve a system of equations to find how

many of each type of question are on the test.

2) Ali and Sam are investing $1500 in equipment to put pictures on T-shirts.

It costs them $3.00 for each T-shirt. After they put a picture on each

shirt, they will sell them for $20 each. How many T-shirts must Ali and

Sam sell to break even?