Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 6-4 (section 7.5/7.6)

# Solving Linear Systems by

1. How many solutions does a system of parallel lines have?
2. How many solutions does a system of intersecting lines have?
3. How many solutions does a system of identical equations have?

Find the solutions to each of the systems of equations

1. 4x + 2y = 16

2x + y = 8

1. -7x – 2y = 3

7x + 2y = 1

1. 3x + y = 3

5y = 15 – 15x

