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

# WS 6-1 (section 7.1)

# Solving Linear Systems by Graphing

1. What does it mean to solve a system of linear equations?
2. Graph the linear system below. Then circle the ordered pair if it is a solution of the system.

-x + y = -2

2x + y = 10

1. (-4,-2) b. (4,-2) c. (-4,2) d. (4,2)
2. Confirm your answer for Exercise 2 algebraically.

**Use the graph-and-check method to solve the system of linear equations.**

1. y = 2x – 1

y = x + 1

1. y = -2x + 3

y = x – 3

1. y = 1/2x + 2

y = -x + 5

1. 5x + 4y = 16

y = -1



1. x – y = 1

5x – y = 0