

**Systems of Equations** – Solve by Substitution

Name \_\_\_\_\_

Solve the following systems of equations by graphing. Write your answer as an ordered pair (x, y).

1)  $y = 2x + 2$

$y = 2x + 6$

Solution \_\_\_\_\_

2)  $x = 4$

$3x + 2y = -2$

Solution \_\_\_\_\_

3)  $x + 2y = 2$

$2x + 4y = 4$

Solution \_\_\_\_\_

4)  $3x + 3y = 6$

$2x + y = 6$

Solution \_\_\_\_\_

5)  $-2x + y = -3$

$2x + 3y = 1$

Solution \_\_\_\_\_

6)  $4y + 2x = 0$

$5x + 2y = 1$

Solution \_\_\_\_\_

7)  $3x + 4y = 8$

$x - 4y = 0$

Solution \_\_\_\_\_

8)  $4x - y = 5$

$-2x + 6y = 14$

Solution \_\_\_\_\_

9)  $4x + 4y = 12$

$5x - 2y = 8$

Solution \_\_\_\_\_