

**Systems of Equations** – Solve by Elimination

Name \_\_\_\_\_

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

1)  $2x + y = 2$

$3x - y = 8$

2)  $-2x + 3y = 14$

$2x + 3y = -2$

3)  $-4x + y = 2$

$2x + y = 14$

Solution \_\_\_\_\_

4)  $4x + 2y = 6$

$4x - 3y = 21$

Solution \_\_\_\_\_

5)  $-3x + 4y = 10$

$x + 3y = 14$

Solution \_\_\_\_\_

6)  $y + 2x = 3$

$3x - y = 2$

Solution \_\_\_\_\_

7)  $5x + 4y = 7$

$x - 5y = 13$

Solution \_\_\_\_\_

8)  $3x - 2y = 9$

$2x + 5y = 25$

Solution \_\_\_\_\_

9)  $5x + 2y = 8$

$-3x + 7y = -13$

Solution \_\_\_\_\_

Solution \_\_\_\_\_

Solution \_\_\_\_\_