Name: _____ Date: _____

Solving Systems by Elimination

Steps
1. Arrange the equations with like terms in columns.
2. Multiply, if necessary, to create opposite coefficients for one variable.
3. Add/Subtract the equations.
4. Substitute the value to solve for the other variable.
5. Write your solution as an ordered pair.
6. Check your answer.

1. $2x - 2y = -8$
$2x + 2y = 4$

2. $4x + 3y = 16$
$2x - 3y = 8$

3. $3x + 2y = 7$
$-3x + 4y = 5$

4. $4x - 6y = -4$
$4x - 5y = -2$

5. $-2x - 3y = -1$
$4x - 2y = 10$

6. $5x + 2y = 7$
$-4x + y = -16$

7. $2x - 9y = 8$
$-5x + 8y = -20$

8. $13x - 2y = 25$
$4x + 3y = -14$