

## Systems of Equations Practice

Solve the following using **Substitution**. You must show work to receive credit

1.  $-2x - 5y = 17$   
 $y = -4x + 11$

2.  $2x + 16y = 4$   
 $-x - 8y = 0$

3.  $4x - 7y = -6$   
 $x - 6y = -10$

4.  $-4x + 4y = -8$   
 $4x - 6y = 16$

5.  $-x - 10y = 10$   
 $-7x + 20y = -20$

Solve the following using **Elimination**. You must show work.

6.  $-7x - 8y = -19$   
 $7x + 10y = 29$

7.  $16x + 7y = 26$   
 $8x - 2y = -20$

8.  $5x - 7y = -28$   
 $2x - 2y = -12$

9.  $2x - 4y = 6$   
 $-7x + 14y = -14$

10.  $5x - 6y = 4$   
 $-7x - 6y = -20$