

**Algebra 1 Yearlong  
Linear Combination Worksheet 8**

Name \_\_\_\_\_

Find the intersection point (answer for x and y) for each problem.  
Use the Linear Combination Method.

1)  $4x - 3y = 1$   
 $2x + y = 3$

2)  $6x - 2y = 6$   
 $x + 4y = 14$

3)  $x + y = 4$   
 $2x + 3y = 9$

4)  $5x - 2y = 3$   
 $2x + 7y = 9$

5)  $3x + 2y = 12$   
 $2x + 5y = 8$

6)  $3x + 5y = 11$   
 $2x - 3y = 1$

7)  $5x - 4y = 14$   
 $3x + 3y = 3$

8)  $3x + 9y = 0$   
 $11x - 2y = 35$

9)  $5x + 2y = 7$   
 $3x + 7y = 10$

10)  $-6x - 5y = -2$   
 $12x + 10y = 4$