

**Linear Combination Worksheet #2**

Solve each system of equations using linear combination.

1.  $2x - 3y = 20$   
 $11x + 2y = -1$

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

3.  $4a + 15b = 10$   
 $3a + 10b = 5$

4.  $6c + 8d - 4 = 0$   
 $9c + 10d - 7 = 0$

5.  $6x + 5y + 10 = 0$   
 $4x - 7y + 25 = 0$

6.  $s + 2t = -7$   
 $3s - 8t = 7$

7.  $2x + 3y = 12$   
 $3x + 2y = 13$

8.  $a + 5b = 8$   
 $3a + 7b = 0$