

Algebra 1 Yearlong Worksheet 17C

Solve the following systems of equations using the substitution method.

1)  $y = -2x + 5$   
 $x - y = -8$

2)  $x + 2y = -6$   
 $3x - 5y = 26$

3)  $y = 3 + 2x$   
 $5x - y = 0$

4)  $x - y = 7$   
 $x + 3y = 15$

5)  $2x + 3y = 7$   
 $2x + 4y = 8$

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

7)  $2x - y = -1$   
 $3x + 2y = -5$

8)  $2x + 3y = 12$   
 $5x - 2y = 11$

9)  $x + y = 1$   
 $6x + 12y = 13$

10)  $3x - 5y = 13$   
 $-8x - 4y = 0$