

Algebra 1 Yearlong
Worksheet 17A

Solve the following systems of equations using the substitution method.

1) $y = 2x - 6$
 $x - y = 4$

2) $6x - 2y = 10$
 $x = 5y + 11$

3) $3x + 2y = 14$
 $4 - 2x = y$

4) $x + y = 8$
 $2x - y = -6$

5) $6x - 3y = 8$
 $x = 3$

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

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

8) $3x - 2y = 8$
 $2x + 3y = 14$

9) $3y = 5 - 2x$
 $4x + 3y = 1$

10) $3x - 4y = 4$
 $y = 8$