Algebra 2

Name_____ ID: 1

Solving Systems by Elimination Assignment #1

Date_____ Hour____

Solve each system by elimination.

1) $6x + 10y = 4$
   $-3x - 10y = 8$

2) $-4x - 3y = 1$
   $4x - 6y = 26$

3) $-2x + 9y = -9$
   $-2x + 9y = -11$

4) $-6x + 8y = -10$
   $-6x - 5y = 16$

5) $-2x - 8y = 6$
   $-x - 16y = -9$

6) $3x - 5y = -3$
   $-9x + 15y = 9$

7) $-11x - 7y = -31$
   $3x + 10y = -32$

8) $11x - 5y = 12$
   $-5x - 2y = 33$

CHALLENGE: Solve each system by elimination.

9) $36 = -12x - 18y$
   $5y + 3x = -14$

10) $7 + 3y = -7x$
    $5x = -2y - 4$