FLUENCY PRACTICE: System of Equations

Name:_____ Period:_____

Directions: Solve each system of equations by either substitution or elimination. **Show all work!!!**

1. $5x + 3y = 64$
   $y = \frac{3}{4}x + 2$

2. $y = \frac{3}{4}x + 6$
   $3x - 4y = 30$

3. $4x + 7y = 23$
   $8x + 3y = -9$

4. $2x + 3y = 9$
   $y = -\frac{2}{3}x + 3$

5. $y = -\frac{1}{2}x - 3$
   $y = \frac{3}{4}x + 7$

6. $7x - 2y = -5$
   $x - 5y = 37$

7. $x - 4y = 12$
$y = \frac{1}{4}x - 2$

8. $2x + 9y = 71$
$4x - 3y = -5$

9. $4x + 6y = 36$
$y = -\frac{2}{3}x + 6$

10. $y = \frac{3}{4}x - 3$
$5x + 2y = -58$