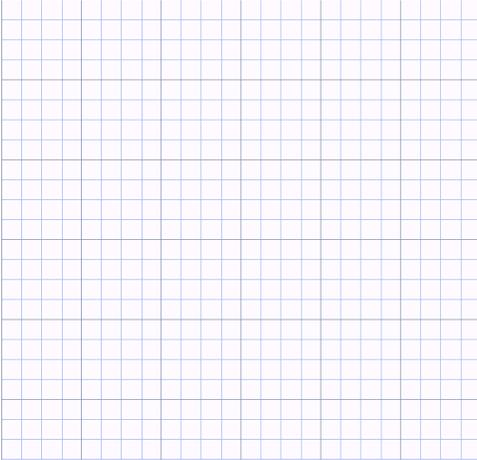Name:_____   Period:_____Date:_____
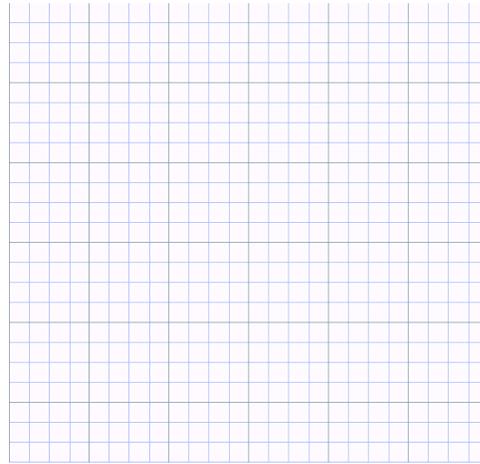
Solving Systems of Equations

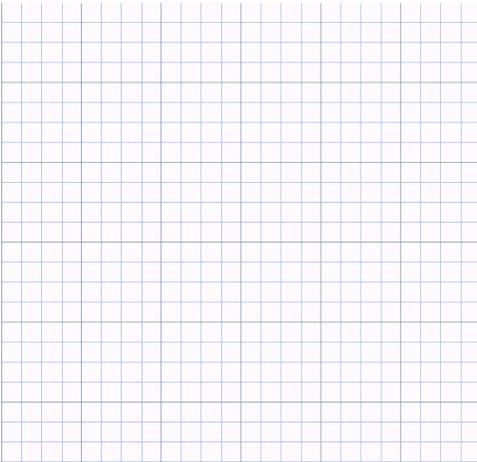## Section I. Solve by graphing
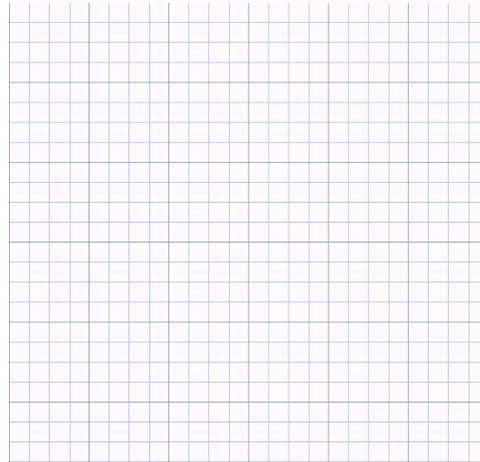
1. $y = -2x + 8$
   $y = 2x - 4$

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

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

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

Section II. Solve by Substitution

5. $x + 4y = -1$
   $2x - y = 7$

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

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

8. $3x + 2y = -1$
   $2x + y = 1$

Section III. Solve by Linear Combination

9. $4x + 3y = 5$
   $-4x + 10y = 34$

10. $3x - 4y = 21$
    $4x + 2y = 6$

11. $2x + 3y = 5$
    $3x + 2y = 0$

12. $-3x + 5y = -6$
    $6x - 10y = 12$

Section IV. Solve Using Any Method

13. $x + 3y = 3$
    $2x + 3y = 0$

14. $3x + 3y = 6$
    $5x - 6y = 15$