

NAME: \_\_\_\_\_ Date: \_\_\_\_\_ Pd: \_\_\_\_\_

Algebra I/II

**Solving Systems by Graphing or Substitution**

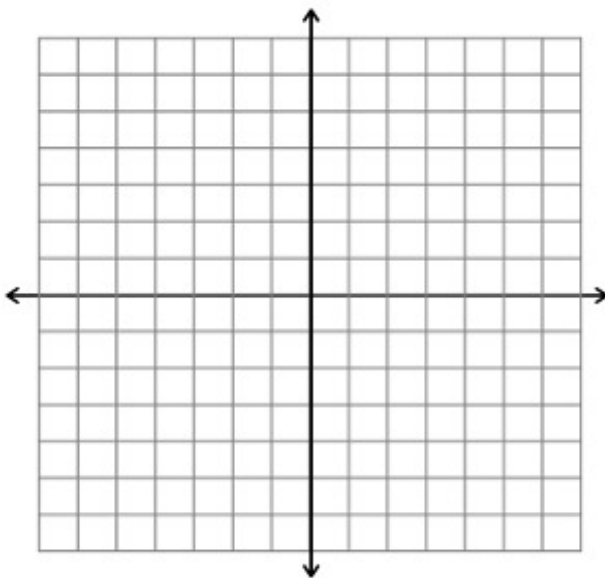
**Directions:** Choose any number of problems below that you feel ready to complete. The sum of the thumbs up (👍) for the problems you complete must be at least 15. **SHOW ALL OF YOUR WORK!**

**DO NOT BE AFRAID TO CHALLENGE YOURSELF – YOU CAN DO IT!!**

👍👍 Solve by substitution:  $x = 4y + 5$   
 $x - 3y = -2$

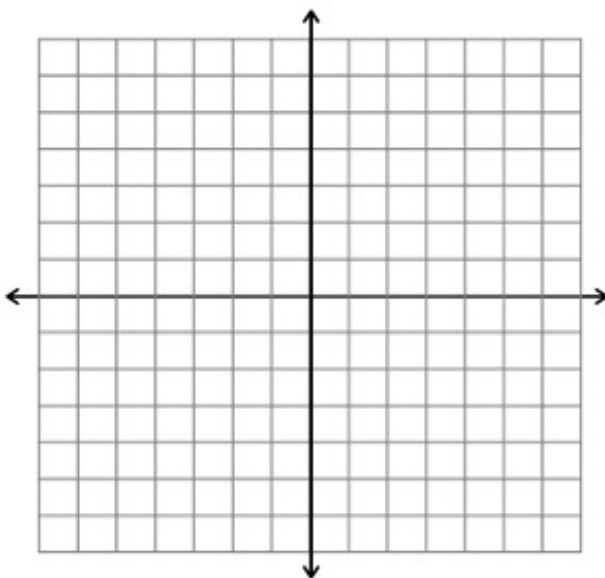
👍 Solve by substitution:  $6x + 8y = -22$   
 $y = -5$

👍👍 Solve by graphing:  $y = -2x + 2$   
 $x = -1$



👍👍👍 Solve by substitution:  $4x + 5y = 11$   
 $y = 3x - 13$

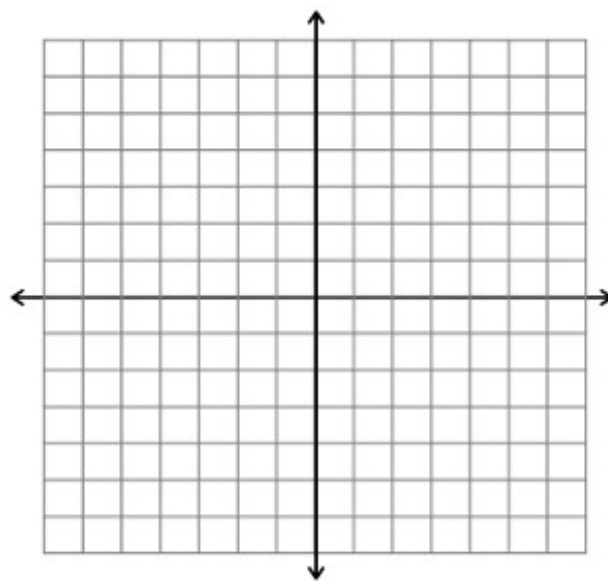
👍 Solve by graphing:  $y = 2x + 3$   
 $y = 4x - 1$



👍👍 Solve by substitution:  $x = 4y$   
 $2x + 3y = 44$

👍 Solve by substitution:  $y = -2$   
 $4x - 3y = 18$

👍👍 Solve by graphing:  $y = -2/3x - 2$   
 $y = -2x + 2$

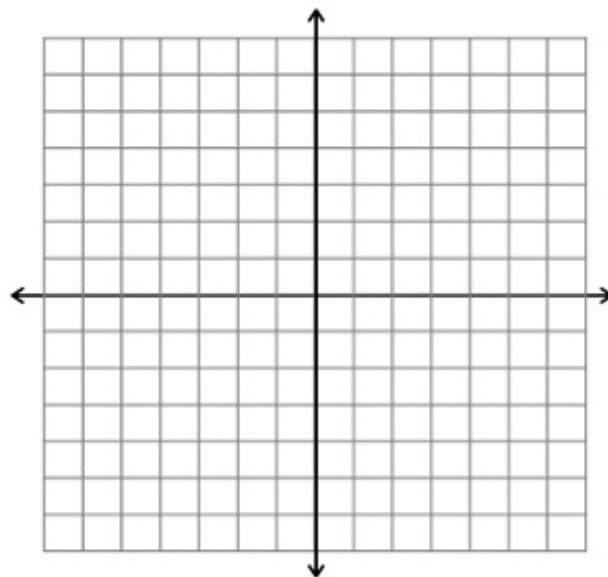


👍👍👍 Solve using substitution:  $y = 5x - 7$   
 $-3x - 2y = -12$

👍👍 Solve by substitution:  $2x - 3y = -1$   
 $x = y + 1$

👍👍👍 Solve using substitution:  $-7x - 2y = -13$   
 $x = -2y + 11$

👍👍 Solve by graphing:  $y = -4/3x - 3$   
 $y = 1$



👍 Solve by substitution:  $-3x + 3y = 4$   
 $y = x + 3$

👍👍 Solve by substitution:  $y = 6x - 11$   
 $-2x - 3y = -7$