

NAME _____

Which Method Should I Use? Solving Systems of Linear Equations Summary

Now that we have learned about all of these different strategies, it is important to understand when to use each method. Reflect on each method and write down some ideas regarding when you think that method would be best and why. If possible, write down an example system to illustrate your thoughts.

Graphing:

Substitution:

Elimination:

Graphing Calculator (Table or Graph):

Solve each system below by any method. Tell why you chose the method you used.
(Note: You must use each method that we discussed on the previous page at least once.)

1. $y = 2x$
 $y = x - 1$

2. $7x + 8y = 25$
 $9x + 10y = 35$

3. $x = 12y - 14$
 $3y + 2x = 26$

4. $-20x + 7y = 137$
 $4x + 5y = 43$

5. $5y = x$
 $2x - 3y = 7$

6. $y = x + 2$
 $y = -2x + 3$

7. $0.4x - 3y = 12$
 $2.3x + 7.1y = 3$

8. $4x - 6y = 14$
 $-4x + 8y = 20$

