Solve Systems of Equations on a TI-73 Calculator name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 class period \_\_\_\_\_\_

Clear calculator. [2nd][0][7][1][2][enter]

Enter in your equations . Press [y=]. Enter 1st equation next to y1. Enter 2nd equation next to y2.

Press [graph] to see the graph. Choose [window] key if you need to reset your window values.

[trace] and arrow keys to move the curser to the location where the lines intersect.   
The coordinates of the point where the lines intersect is the solution for the system of equations.

If it is difficult to identify the precise coordinates of the solution,   
press [2nd][graph] to see a table of values to clarify where 2 lines intersect.

Use your TI73 to find the solution for each system of equations. Include parentheses in your answer.

1. y = x + 6 y = 2x + 4 solution \_\_\_\_\_\_\_
2. y = -4x – 1 y = -x + 2 solution \_\_\_\_\_\_\_

3) y = 3x – 4 y = 5x – 12 solution \_\_\_\_\_\_\_

4) 2x – 4y = 8 x – y = 4 solution \_\_\_\_\_\_\_

5) x + y = -6 x – 5y = 0 solution \_\_\_\_\_\_\_ Carnage Middle School, WCPSS Nov 2010

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