**Classwork – Systems of Equations Review** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use this review to help you complete test corrections. Test corrections are due on Friday, May 19th!

Solve the systems by GRAPHING. Remember, equations must be in slope-intercept form!

1. m = \_\_\_\_, b = \_\_\_\_ 2. m = \_\_\_\_, b = \_\_\_\_

 m = \_\_\_\_, b = \_\_\_\_ m = \_\_\_\_, b = \_\_\_\_

Solve the systems by SUBSTITUTION.

3.  4. 

Solve the systems by ELIMINATION.

5.  6. 

7. Use your calculator to check your work for EACH system:

**Step 1. Get BOTH equations into slope-intercept form.**

**Step 2. Enter the equations as y1 and y2.**

\*Make sure Plot1, Plot2, Plot3 are turned

OFF (they should NOT be highlighted)

**Step 3. Press Graph.**

**Step 4. You should see your two lines on the graph. If you do not: Press Zoom 7. Standard**

**Step 5. Press 2nd Trace to access CALC.**

 

**Step 6. Under the CALCULATE menu, select 5: intersect**

 

**Step 7. You now have to “tell” your calculator which lines to use. You should see the trace point on one of the lines, your calculator will display**

First curve? HIT ENTER.

Second curve? HIT ENTER.

Guess? HIT ENTER.

**Step 8. The intersection will be given as x = \_\_\_ and y = \_\_\_\_. Write them as a point (x,y). DONE!**