

## Lesson 3 Graphing Calculator

### Lesson on Equations Intersection

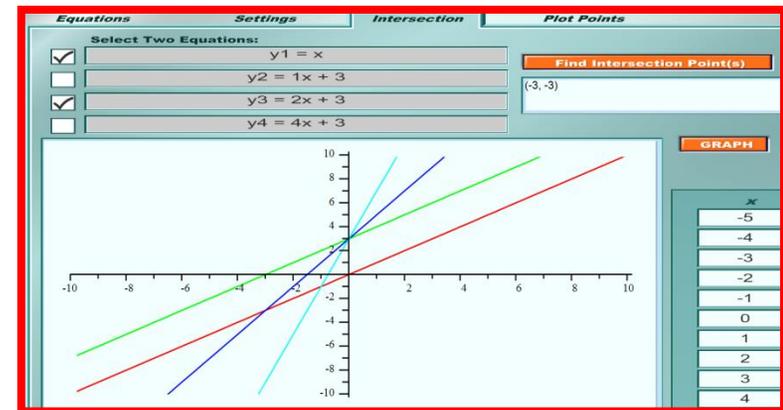
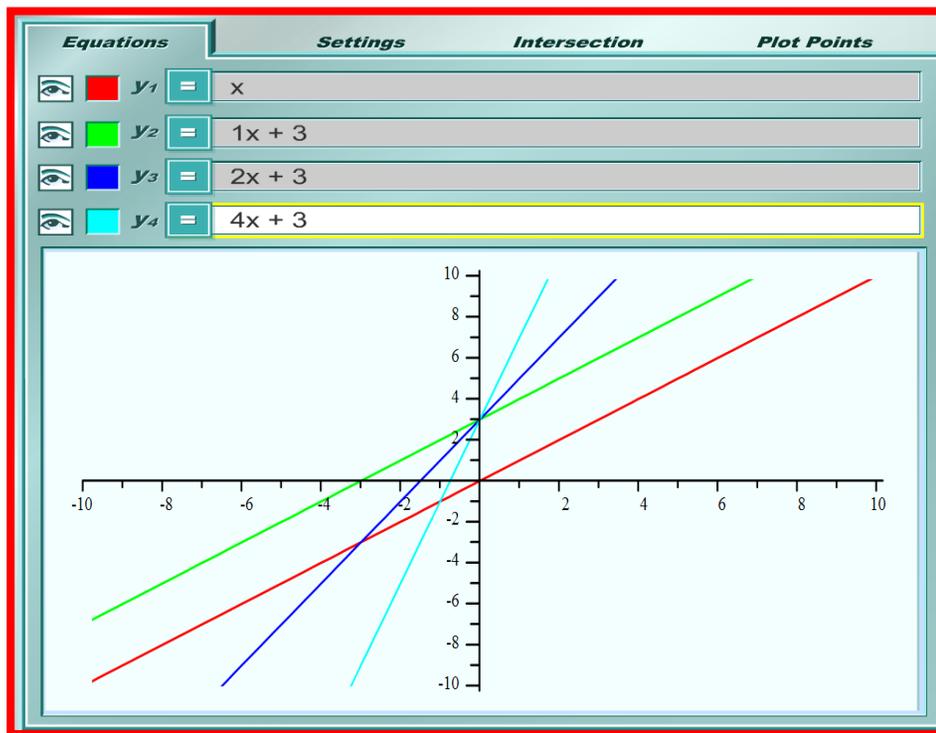
Name \_\_\_\_\_

Directions:

You will need to click on the title Equations. Enter in the equations listed below. When they are all in click on the yellow button for graph and the color lines listed below should appear. Each line should be a different color. To change the color if needed just click on it and the color will change.

Click on the tab for Intersection after you have all the equations looking like the illustration below. Place a circle below which equations intersect and where.

When you have entered everything in your output should like the illustrations below.



Place a circle around the equations that intersect with the first one listed.

- 1).  $Y_1$  ----  $Y_2$   $Y_3$   $Y_4$
- 2).  $Y_2$  ----  $Y_1$   $Y_3$   $Y_4$
- 3).  $Y_3$  ----  $Y_1$   $Y_2$   $Y_4$
- 4).  $Y_4$  ----  $Y_1$   $Y_2$   $Y_3$