

<Name of problem>

### Exercise #1

Add a graphing page

Enter the equation in the command line (if the command line is not showing press tab)

Press enter

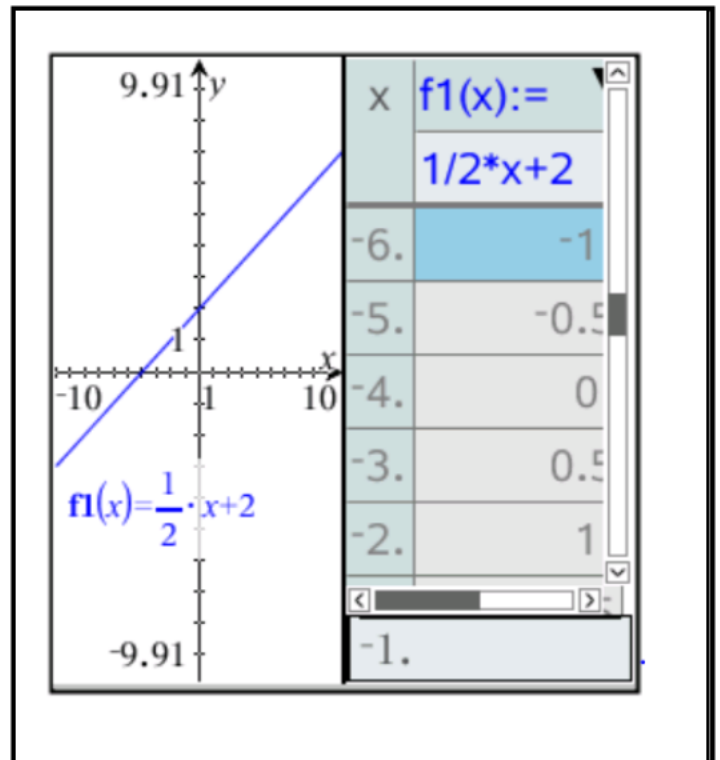
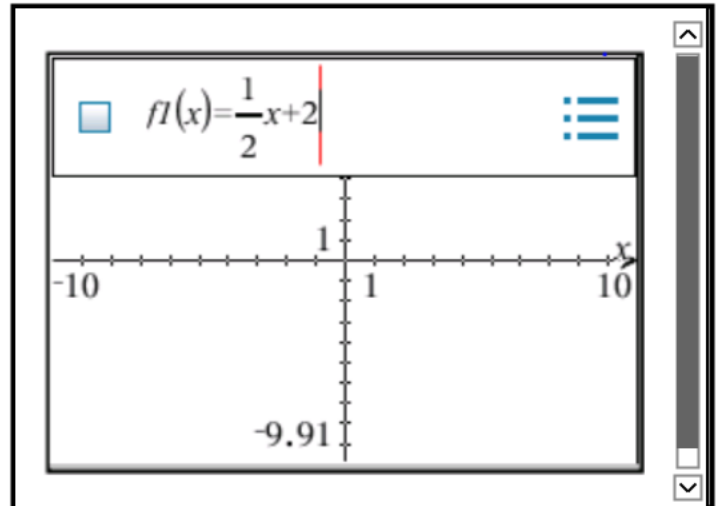
To bring up the table for this function  
press ctrl

press t

Use up and down arrow keys to find  
 $f(-6)$ ,  $f(0)$  and  $f(8)$  (Exercise #1a)

Use up and down arrow keys to find  
the  $x$  for  $f(x) = 11$  (Exercise #1b)

Note: at the very bottom of the table  
half of the screen is a better view of  
the cell that is highlighted



To reset the table to go by twos,  
make sure you are still in the table  
side of the screen

Press menu

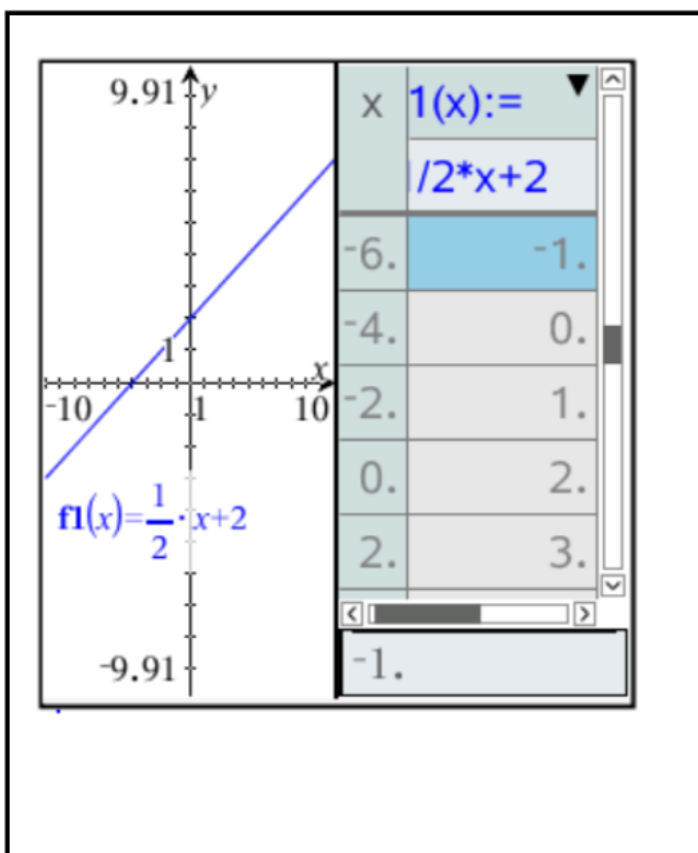
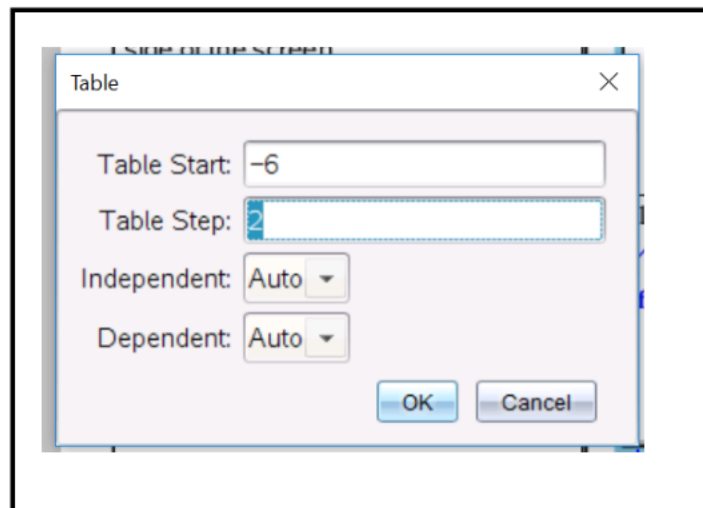
Choose Table

Choose Edit Table Settings...

Enter -6 for Table Start

Enter 2 for Table Step

Click on OK (or press enter)



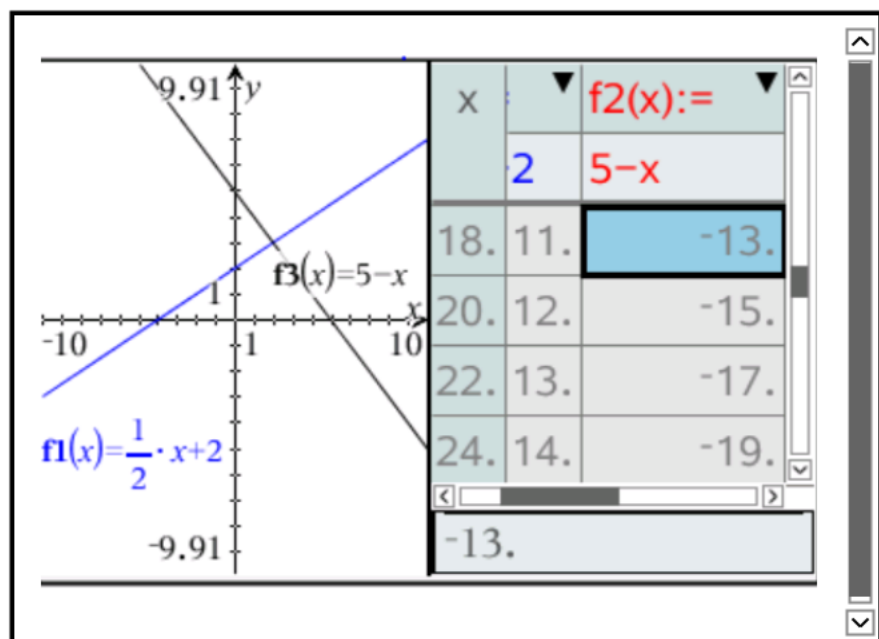
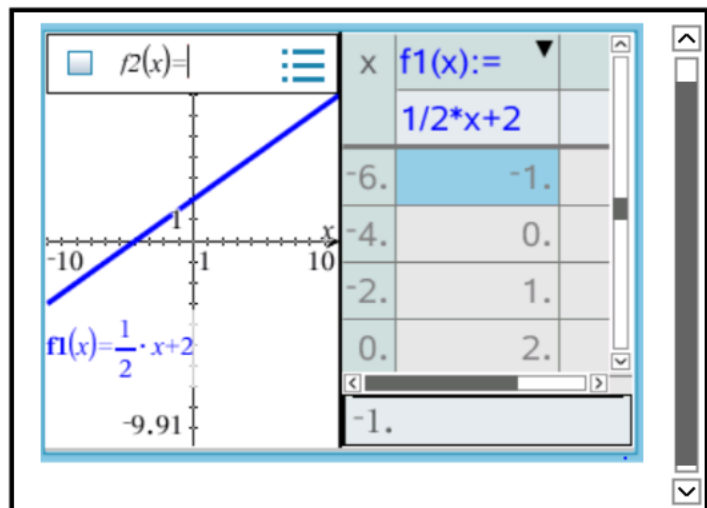
to enter  $g(x)=5-x$ , make sure you are on the graphingside of the screen (ctrl tab to go back and forth between sides of the screen)

press tab to bring up the command line

Type  $5-x$  and press enter

Press ctrl and tab to go back to the table side of the screen

If you cannot see the second function, you may have to right arrow to the third column . If a pop up window appears, choose function 2 and press enter



Another way to find the point of intersection is to use the graph screen only

To get rid of the table press ctrl t

Press menu

Choose Geometry

Choose Points and Lines

Choose Intersection Point(s)

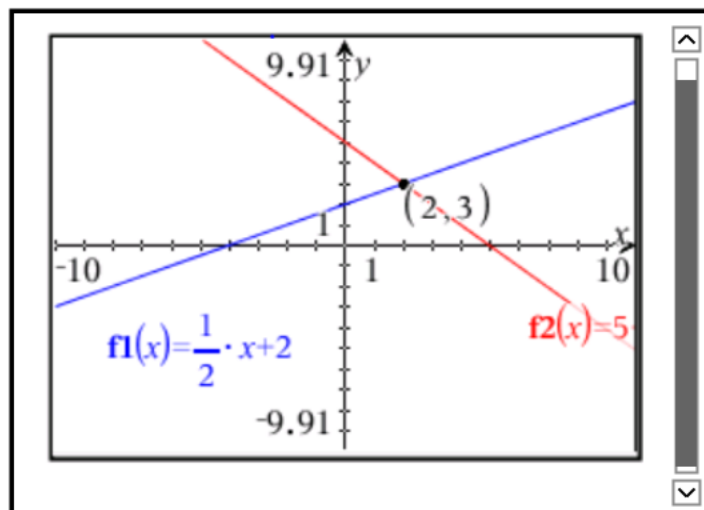
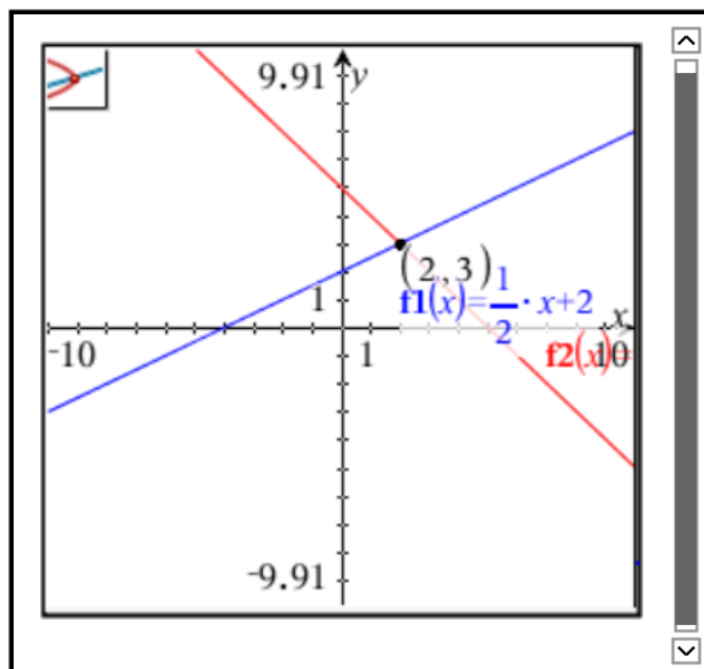
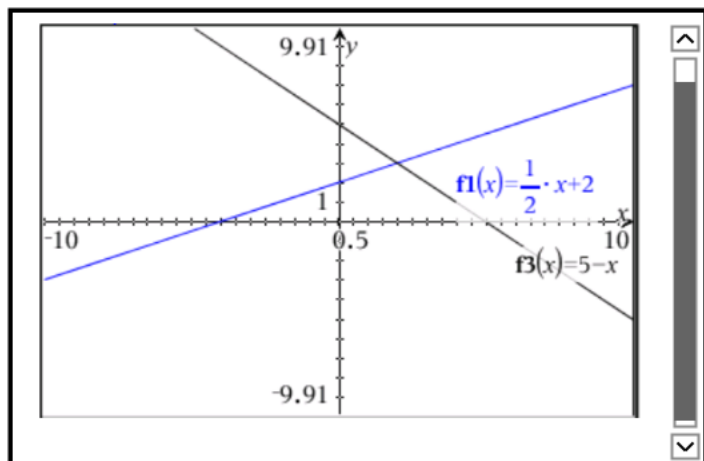
Click on one of the lines

Click on the other line

The coordinates of the point of intersection should appear

NOTE: If the line labels are getting in the way, hover the cursor over the label and hold the clicker down until you see a closed hand. Use the touchpad to move the label. Click again to release.

The icon in the top left indicates you are in the intersection application. Press esc to get out of it.



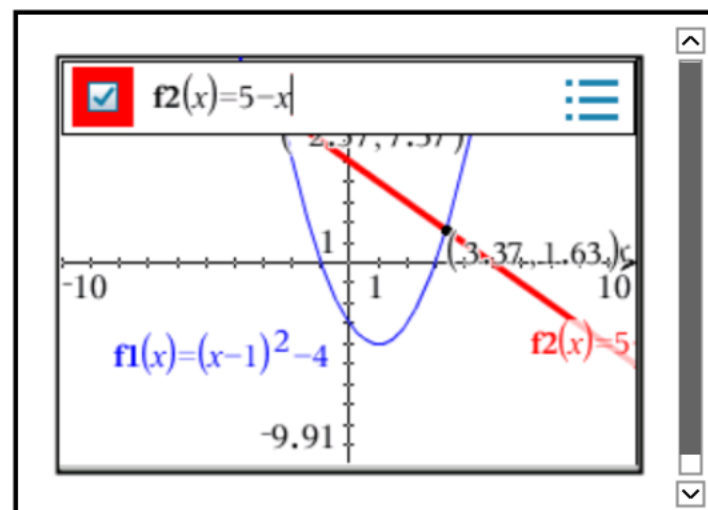
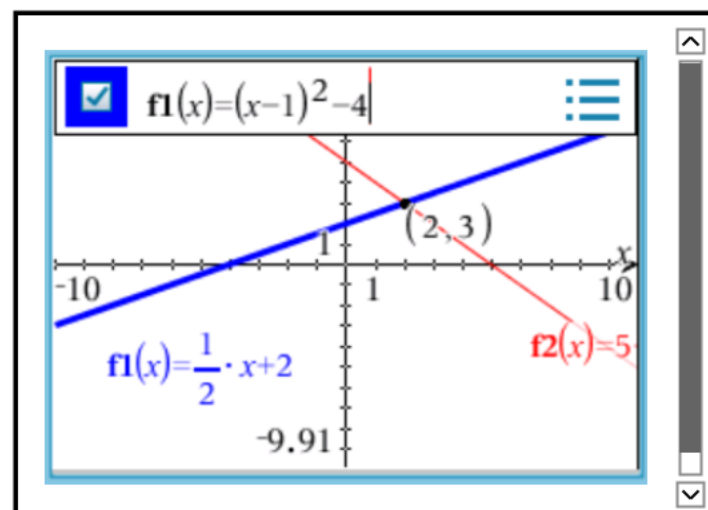
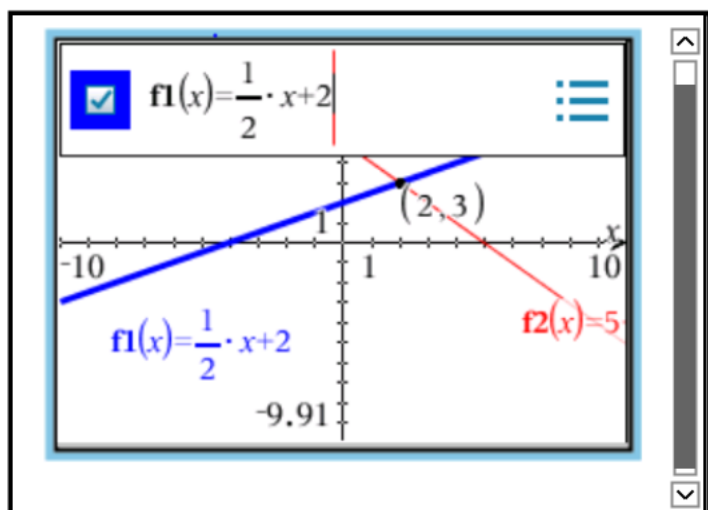
To clear the current functions to be able to do Exercise #2, press tab to bring up the command line.

This should bring you to the first empty line (in this case  $f(3)$ )

Use the up arrow to get to  $f1(x)$

Delete  $\frac{1}{2}x+2$  and enter the new function (Exercise #2)

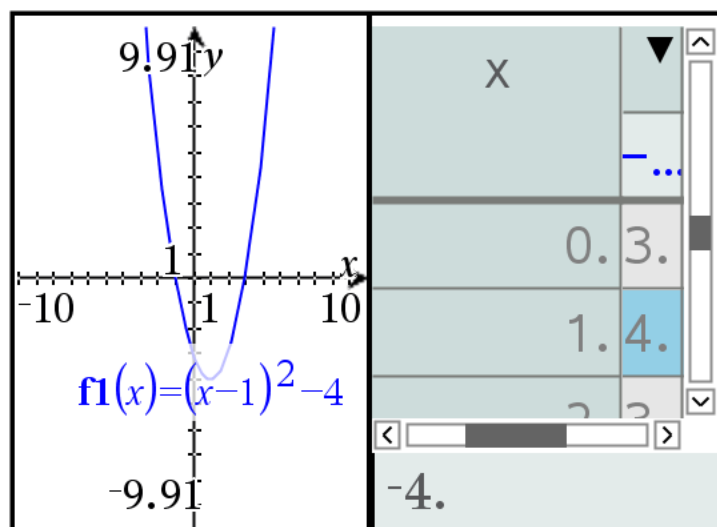
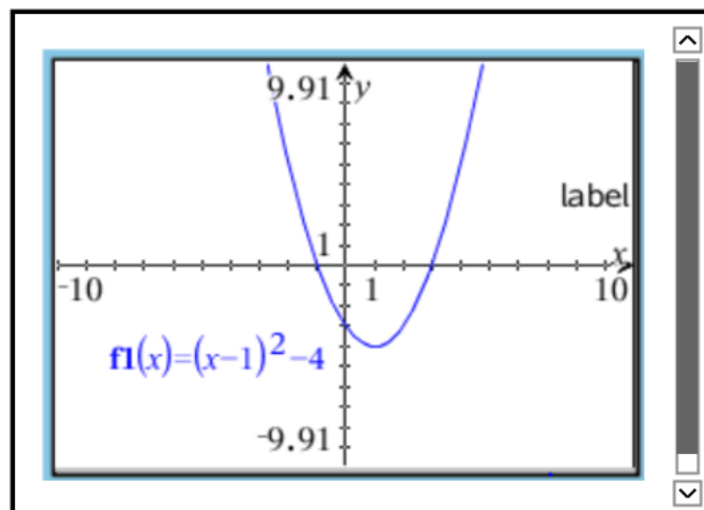
Down arrow to function 2



Delete function 2

Press enter

ctrl t to bring up a table

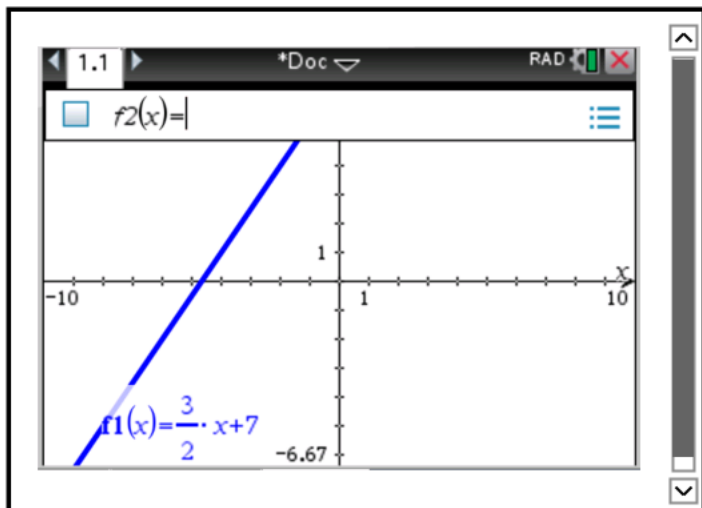
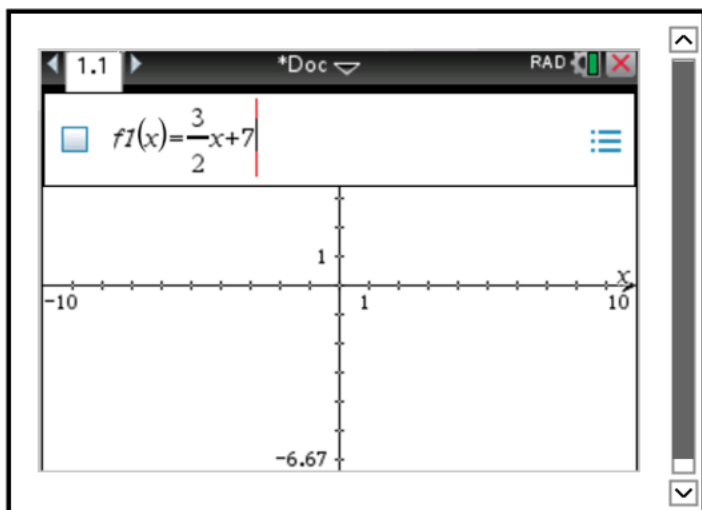
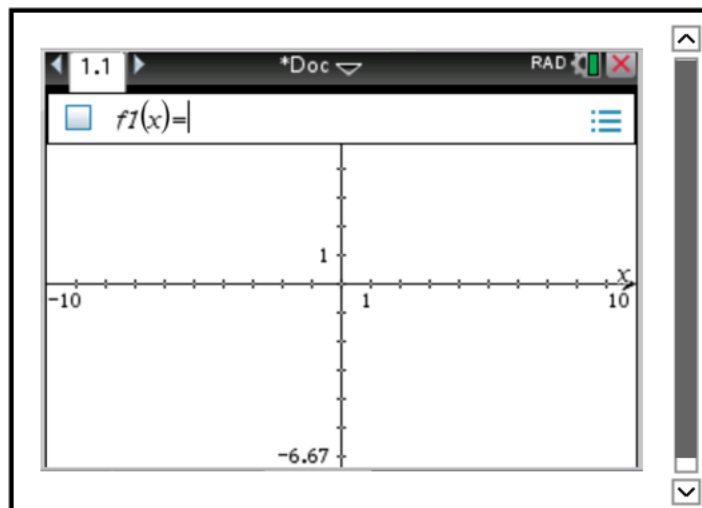


For Exercise 3

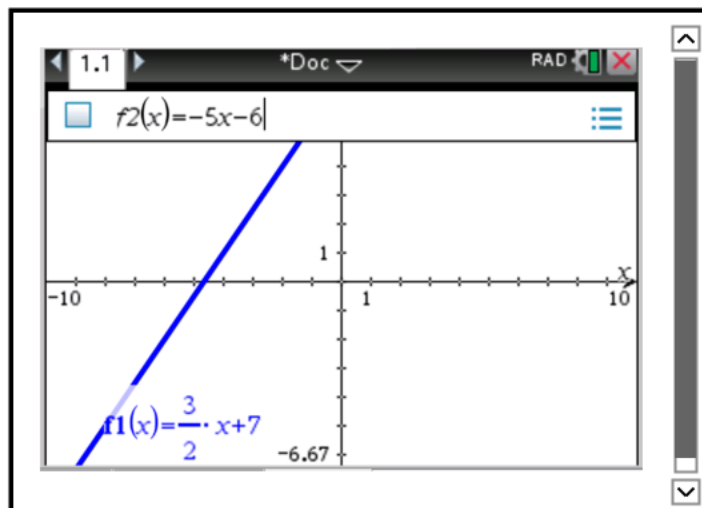
Add a graph page (press ctrl then doc and choose add graphs or choose the graph icon on the homepage)

Type the first equation in the graph entry line

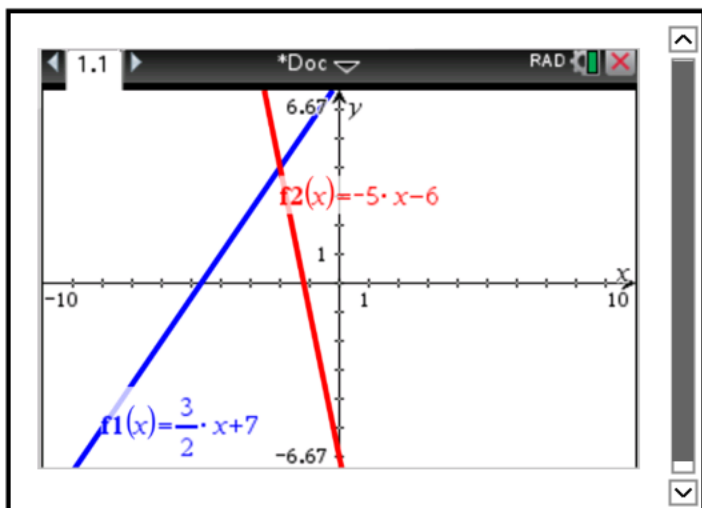
Press the down arrow on the touchpad



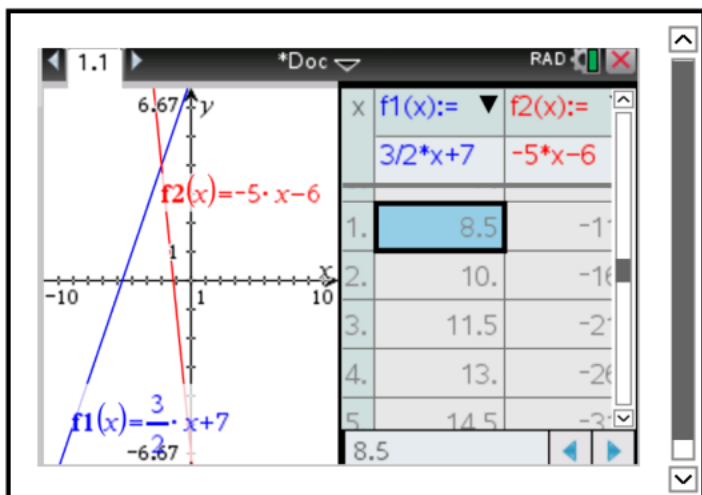
Type the second equation in for f2



Press enter



Press ctrl then t to bring up a table





eMathinstruction Algebra I Unit 3 Lesson 5  
Graphing and Tables

Use the up/down/right/left arrows on the touchpad to scroll around the table and find the intersection point.

