

ALG2

Graphing Calculator Tips

* Clear a calculator 1st: 2ND + 7 1 2

Entering Data into a List

Stat
Enter
(Type in piece of data)
Enter
(Finish your list, →
over to List2, List
3 as needed)

(2ND MODE)
IS "QUIT"

L3: 2ND 3

* y_1, y_2
ALPHA
TRACE

Calculating Regression Eqn

Stat
→ Calc
4
1ST EQUATION 2ND EQUATION

```
LinReg(ax+b)  
Xlist: L1  
Ylist: L2  
FreqList: *  
Store RegEQ: Y1  
Calculate
```

```
LinReg(ax+b)  
Xlist: L1  
Ylist: L3  
FreqList:  
Store RegEQ: Y2  
Calculate
```

Arrow down to calculate
+ hit enter to get the
regression equations. Round
to 3rd decimal when needed.

Finding the Intersection of Regression Eqns

Hit Zoom 6 to center your window [-10,10] by [-10,10]

If you cannot see the graphs, adjust your y-window ONLY.

Adjust your y-min + y-max to see the y-intercepts
of your regression equations. Make your y-min lower
than the smallest y-int; make your y-max higher than
the other y-int. Then, adjust your x window to
see where they cross.

To get the Exact Intersection

2ND TRACE 5 ENTER, ENTER, ENTER