TI 36X Pro Five Number Summary

1. DATA DATA (1: Clear L1)
2. DATA (type in data)
3. 2nd DATA
4. 2: 1-Var Stats
5. What do we see?
   DATA: L1
   FRQ: One
6. Arrow down to calc
7. Press enter
   What do we see? n= number of data pieces
   $\bar{x}$ = mean min X = Min value Q1
   Median Q3 Max X = Max value

TI 36X Pro LINEAR REGRESSION

1. DATA DATA 4 (this will clear all data already in the tables)
2. DATA (type in data in L1 (x-values) and L2 (y-values))
3. 2nd DATA
4. LinReg ax + b (for linear regression)
   L1 L2 ONE YES CALC
5. Look for a,b, and r value.
6. The equation of the line is y = ax + b
7. Correlation Coefficient is r.

Graphing calculator Five Number Summary

1. STAT → 4: clrlist 2nd 1 (Clr List L1) will appear on big screen → Enter
2. STAT → 1: Edit → Enter data IN L1
3. STAT → CALC → 1: 1-Var Stats
4: We should see: List: L1, FRQLIST: CALCULATE → CLICK ON IT
5. What do we see?

$\bar{x}$ = mean n= number of data pieces min X = Min value

Q1 Median Q3 Max X = Max value

LINEAR REGRESSION

** Some calculators may not have r right away.

To get r:

- 2nd 0: Catalog → look for DiagnosticOn → click on it → enter.
- Once you do this, you shouldn't have to worry about it unless you had reset the memory!

1. STAT → 4: clrlist 2nd 1, 2nd 2 (Clr List L1, L2) will appear on big screen → Enter
2. STAT → 1: Edit → Enter data IN L1 (x-values) and data in L2 (y-values)
3. STAT → CALC → 4: LINREG (ax + b)
4. What do you see?

XLIST: L1 Y-LIST: L2 FREQLIST: BLANK

STORE REGEQ: BLANK CALCULATE → CLICK ON IT

5. You will see a, b, and r.