

Setting Up A Scatter Plot





- Press **[STAT]** **[ENTER]** to examine the lists in the List Editor.

| NAME | AM | AIN | 1 |
|-------------|------|-------|---|
| 1 | 1.55 | 71 | |
| 2 | 2.3 | 59 | |
| 3 | 1.82 | 70.25 | |
| 4 | 1.78 | 70 | |
| 5 | 1.64 | 64 | |
| 6 | 1.67 | 70 | |
| 7 | 1.5 | 60 | |
| NAME(1) = 1 | | | |

- Once you have located the lists of interest, press **[2nd]** **[STAT PLOT]** to get the STAT PLOTS Menu. If no plots are On, then select Plot1 to set up your Plot.

| STAT PLOTS | | | |
|------------|----------|-----|----|
| 1: | Plot1... | Off | |
| | ↵ | AM | BM |
| 2: | Plot2... | Off | |
| | ↵ | L1 | L2 |
| 3: | Plot3... | Off | |
| | ↵ | L1 | L2 |
| 4↓ | Plots | Off | |

- In this example we have a Scatter Plot with the list AM as the set of X-values, and list AIN as the set of Y-values. Press **[2nd]** **[LIST]** to get the NAMES menu, to pick the lists desired.

| | | |
|--------|---|---|
| Plot1 | Plot2 | Plot3 |
| On | Off | |
| Type: |  |  |
| |  |  |
| Xlist: | AM | |
| Ylist: | AIN | |
| Mark: | • | |

| NAMES | OPS | MATH |
|--------|-----|------|
| 1: AIN | | |
| 2: AM | | |
| 3: BIN | | |
| 4: BM | | |
| 5: CIN | | |
| 6: CM | | |
| 7↓ DIN | | |

- Check $\boxed{Y=}$ to see that there are no undesired equations turned on, press $\boxed{2nd}$ $\boxed{[FORMAT]}$ and make all items on the left highlighted, and then set the \boxed{WINDOW} with the appropriate values (minimum and maximum values from the appropriate lists).

```

 $\boxed{2nd}$   $\boxed{[FORMAT]}$  Plot2 Plot3
\Y1=-3.838X+13.7
2
\Y2=
\Y3=
\Y4=
\Y5=
\Y6=

```

```

RectGC PolarGC
CoordOn CoordOff
GridOff GridOn
AxesOn AxesOff
LabelOff LabelOn
ExprOn ExprOff

```

```

WINDOW
Xmin=0
Xmax=2
Xscl=.2
Ymin=0
Ymax=80
Yscl=12
Xres=1

```

- Press \boxed{GRAPH} to see the Graph!

