

# Using the TI-83 or TI-84 for Regression

## 1. Enter the data into the calculator

- Choose the **[STAT]** key
- Choose [1.Edit] from the **[EDIT]** menu
- Enter the  $x$ -values into [L1]
- Enter the  $y$ -values into [L2]

L1	L2	L3	1
0	12	-----	
1	-4		
2	-6		
4	-4		
5	12		
-----	26		

L1() = -2

## 2. View the scatter plot

- Choose the **[Y=]** key
- Turn on [Plot1]
- View the graph with **[GRAPH]**
- If you don't see all the points, choose **[ZOOM]** then [9.ZoomStat]

Plot1	Plot2	Plot3
\Y1=		
\Y2=		
\Y3=		
\Y4=		
\Y5=		
\Y6=		
\Y7=		



## 3. Get the equation

- Choose the **[STAT]** key
- Select **[CALC]** from the menu across the top
- Choose a regression from the list
- Press **[ENTER]** twice

EDIT	TESTS
1: 1-Var Stats	
2: 2-Var Stats	
3: Med-Med	
4: LinReg(ax+b)	
5: QuadReg	
6: CubicReg	
7: QuartReg	