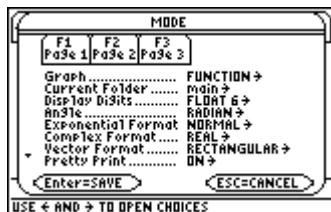


How to Create a Scatter Plot

1. Turn your calculator **ON**.
2. Press the **MODE** button.
3. When function is highlighted use your cursor to enter **▶**.



4. When function is highlighted again press **ENTER** twice.
5. Press **APPS** button.
6. Use your cursor to scroll down to **6**, and then scroll to the side **▶**.



7. Use your cursor to scroll down to **▶** to NEW, and press **ENTER**.







8. You are now in the data matrix editor.
9. Use your cursor to scroll down to **▶** Variable.
10. Press **2nd** **ON** and using your letters type in a name of your choice.



11. Then press **ON** again to exit.

12. Press **2nd**
13. You are now ready to enter your data.


F1 Tools	F2 Plot Setup	F3 Cell Header	F4 Calc	F5 Util	F6 Stat
DATA					
	c1	c2	c3		
1					
2					
3					
4					
r1c1=					
MAIN RAD AUTO FUNC					

You can use your cursor to move to the different cells    , and press **ENTER** after you enter each piece of data.



Enter your desired data now.

14. To sort the data in ascending order, go to the cell in row 1 and column 1 using your cursor.


F1 Tools	F2 Plot Setup	F3 Cell Header	F4 Calc	F5 Util	F6 Stat
DATA					
	c1	c2	c3		
1	150	4			
2	500	31			
3	800	42			
4	250	9			
r1c1=150					
MAIN RAD AUTO FUNC					

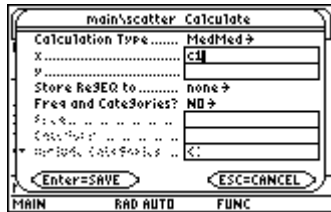
Press **2nd** scroll down  to 4 and press **ENTER**.

F1 Tools	F2 Plot Setup	F3 Cell Header	F4 Calc	F5 Util	F6 Stat
DATA					
	c1	c2	c3		
1	150	4			
2	500	31			
3	800	42			
4	250	9			
r1c1=150					
MAIN RAD AUTO FUNC					

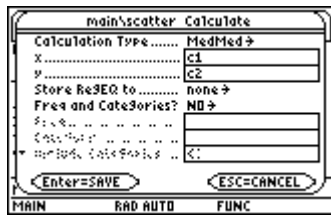
15. To calculate the MedMed regression equation, press **2nd** and scroll over . Then scroll down  to 7 and press **ENTER**.

F1 Tools	F2 Plot Setup	F3 Cell Header	F4 Calc	F5 Util	F6 Stat
DATA					
	c1	c2	c3		
1	150	4			
2	500	31			
3	800	42			
4	250	9			
r1c1=150					
MAIN RAD AUTO FUNC					

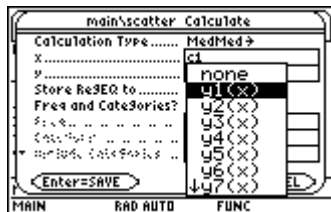
Then scroll down  to the X. Press **ALPHA** and enter C1.



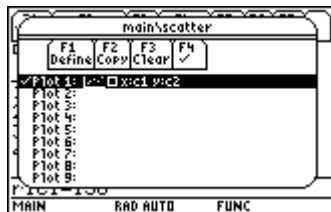
Then scroll down \downarrow to the Y. Press $\boxed{\text{ALPHA}}$ and enter C2.



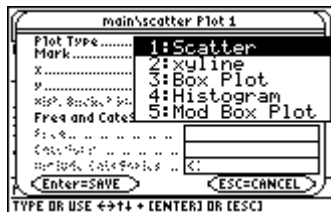
Then scroll down \downarrow to the Store RegEQ. Scroll \rightarrow and scroll down one \downarrow and press $\boxed{\text{ENTER}}$ twice.



16. Press $\boxed{\text{ENTER}}$ when you are done viewing the MedMed regression equation.
17. To plot as a scatter plot, press $\boxed{\text{A}}$ and you are in the Plot Setup screen.



Press $\boxed{[]}$ to define the type of plot, and press the cursor over \rightarrow to enter. Scroll to the SCATTER and press $\boxed{\text{ENTER}}$.

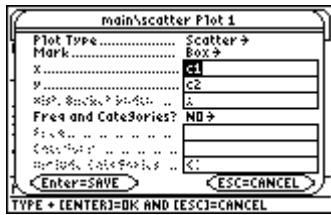


Scroll down to \downarrow MARK, and press the cursor over \rightarrow to enter.

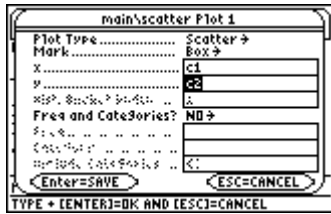
Scroll to the BOX and press **ENTER**.



Then scroll down **▼** to the X. Press **ALPHA** and enter C1.

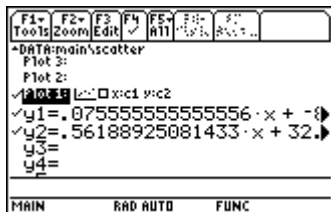


Then scroll down **▼** to the Y. Press **ALPHA** and enter C2.

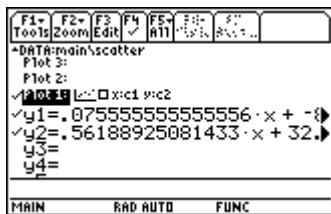


Press **ENTER** twice.

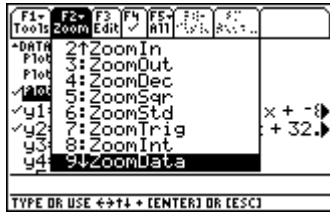
18. Now you are ready to display your graph. Press **2nd** and **[Y=]**.



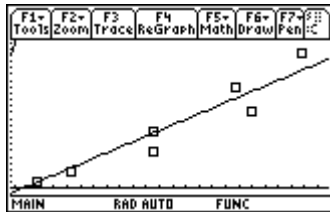
Press **2nd** **[2]** to set the display style to DOT.
Scroll to highlight PLOT 1.



Then press **A** and **9**.



Your scatter plot should appear on the screen.

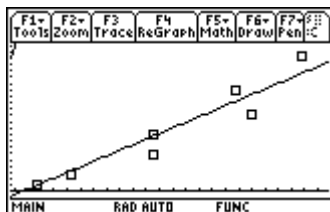


19. To get back to the current session of the Data/Matrix Editor containing your data press **APPS** **6** **1**.

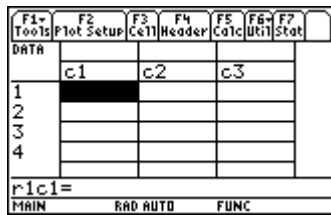


	c1	c2	c3
1	150	4	
2	250	9	
3	500	31	
4	500	20	

20. To get back to the scatter plot for your current data press **Y=** **A** **9**.



21. To clear your data, while in the Data/Matrix Editor press **8** **ENTER**.



Now you may enter new data or exit the Data/Matrix Editor.

22. To exit the Data/Matrix Editor press [HOME].

