



1) Turn on the TI 83 plus. Hit **2<sup>nd</sup> Memory, Reset, enter, then hit the 2 and enter** to clear all memory.

2) For each ordered pair, place all x values in the first L list indicated and all y values in the second L list indicated. Go to **FORMAT**, and hit **AXES OFF**. Go to **Window** and use **0** as the **XMIN** and **15** as the **XMAX**, and **0** as the **YMIN** and **20** as the **YMAX**. Leave the **Xscl**, **Yscl** and **Xres** as **1**.

Hit **2<sup>nd</sup> QUIT** to exit this screen.

3) Hit **2<sup>nd</sup> Y=** to get to **1:Plot1**, enter twice to turn plots **ON**, Cursor down to **TYPE** and go to the **2<sup>nd</sup>** graph (hit enter), Cursor down to the **XList** , **Ylist**, Use  $L_1$  and  $L_2$  , Cursor down to **Mark**: Use the **Last Mark (the Dot)** and hit Enter.

Hit **2<sup>nd</sup> QUIT** to exit this screen.

4) Hit the **STAT** key, then **EDIT** and enter **LIST A** in lists  $L_1$  and  $L_2$  , placing all x values in  $L_1$  And all y values in  $L_2$

**LIST A:** (8, 15), (6,13), (7, 12), (5, 10), (6,9), (4,7), (5,6), (3,3), (7,3), (7,1), (9,1), (9,3), (13,3), (11,6), (12,7), (10,9), (11,10), (9,12), (10,13), (8,15)

**2<sup>nd</sup> Quit** to exit this screen

Now Hit **Graph**. What appeared? \_\_\_\_\_



DO NOT ERASE ANYTHING – NOW ADD THE FOLLOWING



5) Hit **2<sup>nd</sup> Y=** to get to **2:Plot2**, enter twice to turn plots **ON**, Cursor down to **TYPE** and go to the **1<sup>st</sup> Line** graph (Dotted one) and hit enter, Cursor down to the **XList** , **Ylist**, Use  $L_3$  and  $L_4$  (**2<sup>nd</sup>  $L_3$**  above the 3, **2<sup>nd</sup>  $L_4$**  above the 4), Cursor to **Mark**: Use the  **Mark** and hit Enter.

Hit **2<sup>nd</sup> QUIT** to exit this screen.

6) **STAT EDIT** and enter **LIST B** in lists  $L_3$  and  $L_4$  , placing all x values in  $L_3$

And all y values in  $L_4$

**LIST B:** (7,5), (10,7), (8,8), (7,10), (9,13), (11,4), (5,4), (7,13), (9,5)

2<sup>nd</sup> Quit to exit this screen

Now Hit **Graph**. What appeared? \_\_\_\_\_



DO NOT ERASE ANYTHING – NOW ADD THE FOLLOWING



7) Hit 2<sup>nd</sup> **Y=** to get to **3:Plot3**, enter twice to turn plots **ON**, Cursor down to **TYPE** and go to the 2nd graph (hit enter), Cursor down to the **XList** , **Ylist**, Use  $L_5$  and  $L_6$  , Cursor to **Mark**: Use the **Last Mark (the dot)** and hit Enter. Hit 2<sup>nd</sup> **QUIT** to exit this screen.

8) STAT EDIT and enter **LIST C** in lists  $L_5$  and  $L_6$  , placing all x values in  $L_5$   
And all y values in  $L_6$

**LIST C:** (7,15), (8, 17.5), (9,15), (7, 16.5), (9, 16.5), (7, 15)

2<sup>nd</sup> Quit to exit this screen

Now Hit **Graph**. What appeared? \_\_\_\_\_

Show the finished product to your teacher and get his/her signature  
here-----→ \_\_\_\_\_

Good Job!!!

