

ASSESSING NORMALITY



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The bottom line, though, is that if the data is normally distributed, then the *normal quantile plot* will look like a straight line.

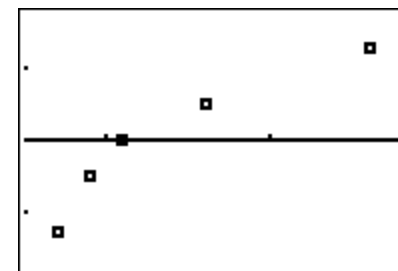
The good news is that we can use our calculator to generate the *normal quantile plot*.

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L1	L2	L3	1
131	-----	-----	
136			
129			
127			
146			
████████			

L1(6)=

```
Plot2 Plot3
Off
Type: [L1] [L2] [L3]
      [M1] [M2] [M3]
Data List: L1
Data Axis: Y
Mark: [ ] + .
```

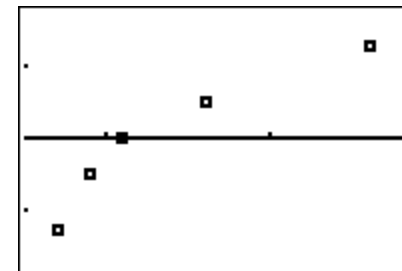


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L1	L2	L3	1
131	-----	-----	
136			
129			
127			
146			
████████			

L1(G)=

```
Plot2 Plot3
Off
Type: [L1] [L2] [L3]
      [M1] [M2] [M3]
Data List: L1
Data Axis: Y
Mark: [ ] + .
```



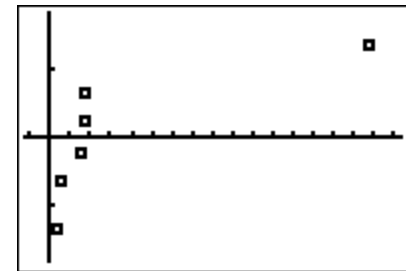
Straight enough!

On the other hand, ...

L1	L2	L3	1
158	-----	-----	
17			
18			
15			
3			
5			

L1(?)=

Plot2 Plot3
Off
Type:
Data List: L1
Data Axis: Y
Mark: + .



Not even close!