








## Notes for Teachers Using HP Prime Part 3: Showing Data


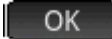

We can quickly see statistical charts and graphs and switch between the three views:


1. The table of data values (Press )
2. The statistical chart (Press )
3. The statistics (e.g. the averages or the ranges) (Press )









### MAKE A CHART

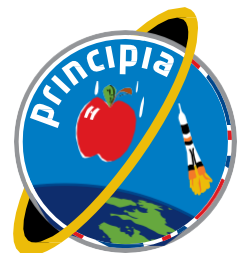
1. Press Apps 
2. Click the Statistics 1 Var(iable) App icon 

3. On the screen click **Reset** then **OK** then **Start**   

4. Enter some data from an experiment. Type the number then Press . Keep going until you are done. (Here is data showing the number of crew members in each mission to the international space station: 6, 7, 7, 7, 7, 3, 5, 5, 7, 7, 3, 5, 7, 3, 7, 7, 3, 7, 6, 3, 7, 2, 3, 3, 3, 3, 7, 3, 3, 7, 6, 3, 7, 3, 7, 7, 3, 7, 7, 7, 3, 7, 3, 7, 7, 3, 3, 7, 7, 3, 7, 3, 7, 3, 7, 6, 3, 3, 3, 7, 3, 6, 3, 4, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3) ... no need to use it all!

Statistics 1Var Numeric View 13:57				
	D1	D2	D3	D4
1	6			
2	7			
3	7			
4	7			
5	7			
6	3			
7	5			
8	5			
9	7			
10	7			
6				





Why are there two distinct modes in the number of crew on these missions?

Find out more at: <http://bit.ly/1KKsFRU>

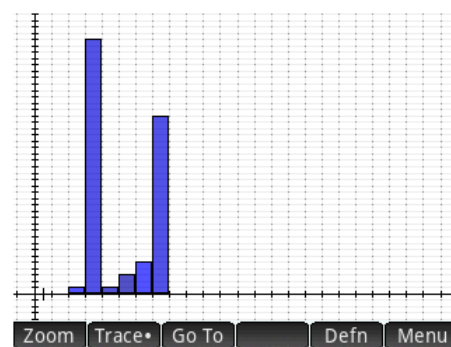


Statistics 1Var Numeric View 13:53				
	D1	D2	D3	D4
71	3			
72	3			
73	3			
74	3			
75	3			
76	3			
77	3			
78	3			
79	3			
80	3			

Enter value or expression

Edit More Go To Sort Make Stats

5. Press **Plot** to see the bar chart for your data.



6. Press **Menu** then **Zoom** then **Autoscale** to see a better view.

## EXPERIMENT

Press **Symb** then **choose** and select different charts. Press **Plot** to see the different charts.

Press **Num** then **Stats** to see the statistics. (Click **OK** to leave this screen).



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