Casio Classpad 330 Worksheet 5

Basic STATISTICS.

Go to STATISTICS on your Classpad

1   Write the following into List 1   2, 4, 5, 6, 8

Find the mean, the stand deviation, the variance, the first and third quartiles, the IQR and the median.

2   Enter the following into List 2   1, 3, 8, 6, 2

Find the mean, the stand deviation, the variance, the first and third quartiles, the IQR and the median.

3   Now use your classpad so that List 1 is the scores and List 2 is the frequency of these scores.

Find the mean, the stand deviation, the variance, the first and third quartiles, the IQR and the median
            Note n should be 20 here   (the number of scores)

4   Go into 2 variable mode and confirm the results for 1 and 2 above.

5   Find Lin Regression   (Linear Regression) and confirm the equation of the line of regression is

         $\hat{y} = 0.3x + 2.5$ (a = 0.3   and b = 2.5)   "r" = 0.23

If you have trouble with any of these please go to   http://www.classpad.com.au/   400 - 412 Statistics and Lists