3.	Suppose the	dot plot looked like this:
	_ m **	,[0

also called rectangular

Number of Questions Answered

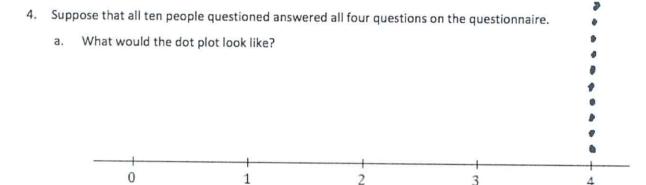
Called uniform (Symmetric) is ok, but rectangular winform is

a. Use your calculator to find the mean and the standard deviation of this distribution.

be Hew)

b. Remember that the size of the standard deviation is related to the size of the deviations from the mean. Explain why the standard deviation of this distribution is greater than the standard deviation in Exercise 2.

Moving 2 pts from
Center (#2) to ends (#3)
inucases std. deviation
be auxodata is spread out



Number of Questions Answered

What is the mean number of questions answered? (You should be able to answer without doing any calculations!)

c. What is the standard deviation? (Again, don't do any calculations!)