2.2 Homework

The heights of various plants, two weeks after planting, are shown to the right.

* 1. Create a dot plot for the plant height data. Label both axes appropriately.

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| * 1. Use the data to make a frequency table

 | * 1. Use the frequency table to create a histogram.

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* 1. Which data display is more useful to you? Explain what makes it helpful.

**\*\*This homework has a back side!\*\***



* 1. Use the data to create a box and whisker plot. *Remember to take outliers into account*
		1. Find the maximum, minimum, median, upper quartile, and lower quartile:
		2. What is the interquartile range?
		3. How short would a plant have to be in order to be an outlier? Are there any outliers like this?
		4. How tall would a plant have to be in order to be an outlier? Are there any outliers like this?
		5. Create the plot below: