**What Should You be Able to do for the**

**Quick Quiz on Mean, Standard Deviation, and Z-Scores?!?**

- Given a mean, standard deviation, and value within a data set:

 ~ determine if the value is above or below the mean

 ~ hypothesize whether the z-score for the value will be positive or negative

 ~ determine is the value is more than one standard deviation away from the mean

 ~ determine the z-score, given details about some data collected

 ~ provide any value that is within one standard deviation from the mean

- Given a z-score, identify the relationship between the z-score and the mean

* Describe what types of standard deviation imply more or less consistency among data

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