



Name: \_\_\_\_\_ Period: \_\_\_\_\_

The first thing that we can do with this data is take the "mean," better known as the "average." To do this, start by taking everybody's measurement and adding it all together. Then divide by the number of people from whom you took a measurement.

What total did you get when you added all your data together? \_\_\_\_\_

Now divide that number by the number of people from whom you got a measurement.

That number is your "mean." What is the mean for your measurements? \_\_\_\_\_

How many people are exactly the same as the mean? \_\_\_\_\_

How many people are above the mean? \_\_\_\_\_

How many people are below the mean? \_\_\_\_\_

Are more people above the mean or below the mean? \_\_\_\_\_

Take a look at the mean, and compare it to the measurement that you took for yourself. Are you above the mean or below the mean? \_\_\_\_\_

What does this say about you compared to the rest of the class?

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Many people believe that the word "average" means what is "most common." Others believe it is "in the middle." Based on the average that you calculated above, what would you tell both groups of people?

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