

What are the three common ways to measure central tendency?

\_\_\_\_\_

\_\_\_\_\_



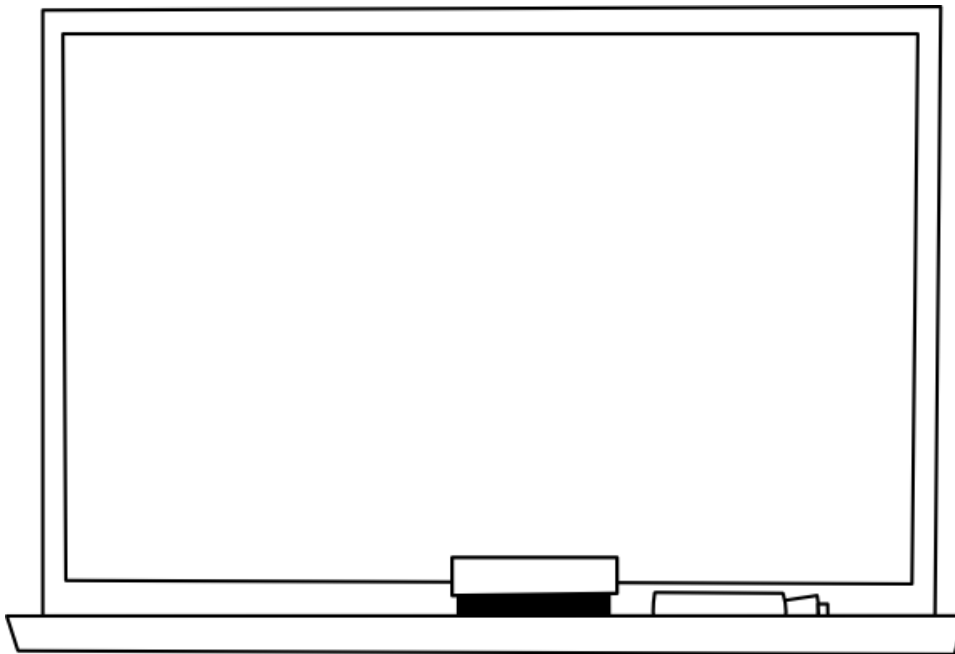
**Median:**

Where else might you hear the word median? \_\_\_\_\_

What is the process for finding the median of a data set? \_\_\_\_\_

What is the median number of yards for the Ducks? \_\_\_\_\_

Find the median number of yards for the Bears. Show all of your work in the whiteboard below.



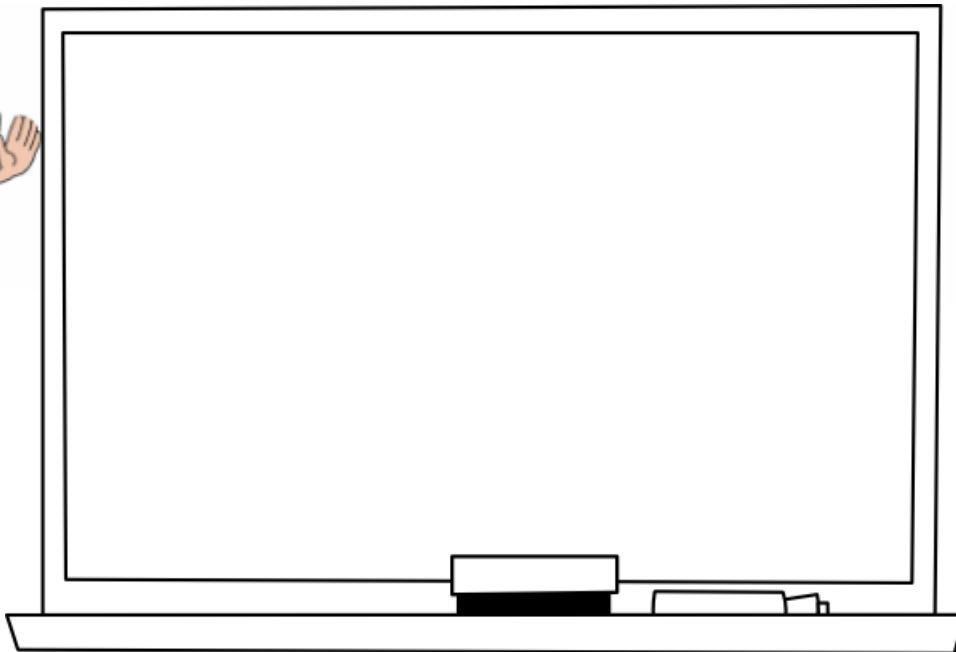
**Mode:**

How do you find the mode of a data set? \_\_\_\_\_

What trick do I use to remember how to find the mode? \_\_\_\_\_

What is the mode for the total points scored per game for the Ducks this season? \_\_\_\_\_

Find the mode for total points scored for the Bears this season. Show all of your work in the whiteboard below.



**Mean:**

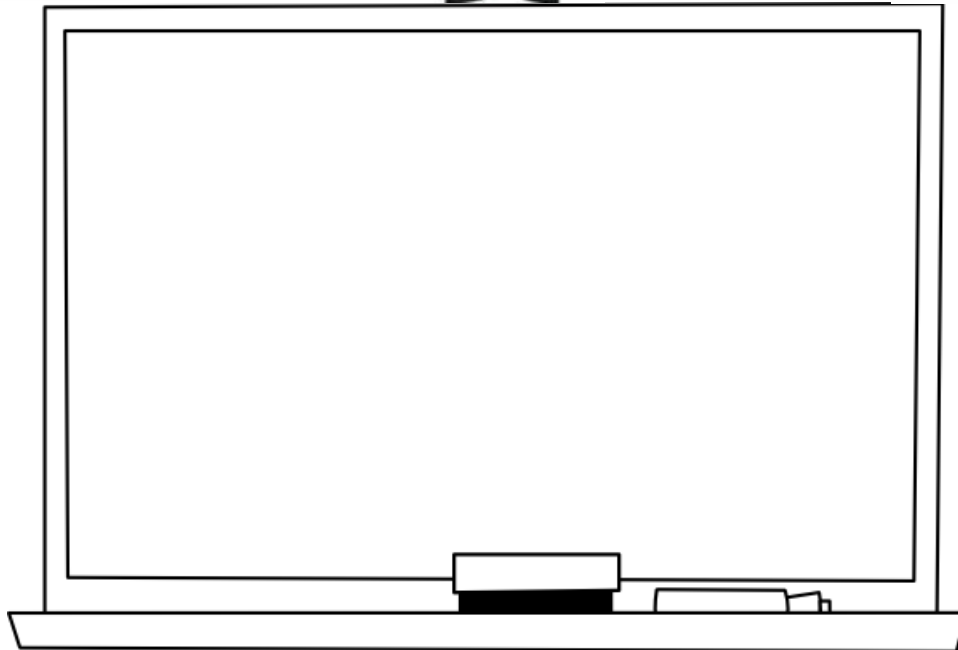
Why is your teacher 'mean' if he/she asks you to find the mean? \_\_\_\_\_

What is the process for finding the mean of a data set? \_\_\_\_\_

What is another word for 'mean' in mathematical statistics? \_\_\_\_\_

What is the mean number of touchdowns scored by the Ducks scored this season? \_\_\_\_\_

Find the mean of the touchdowns scored by the Bears this season. Show all of your work in the whiteboard below.



**Range:**

Range is an example of Measure of \_\_\_\_\_ rather than central tendency.

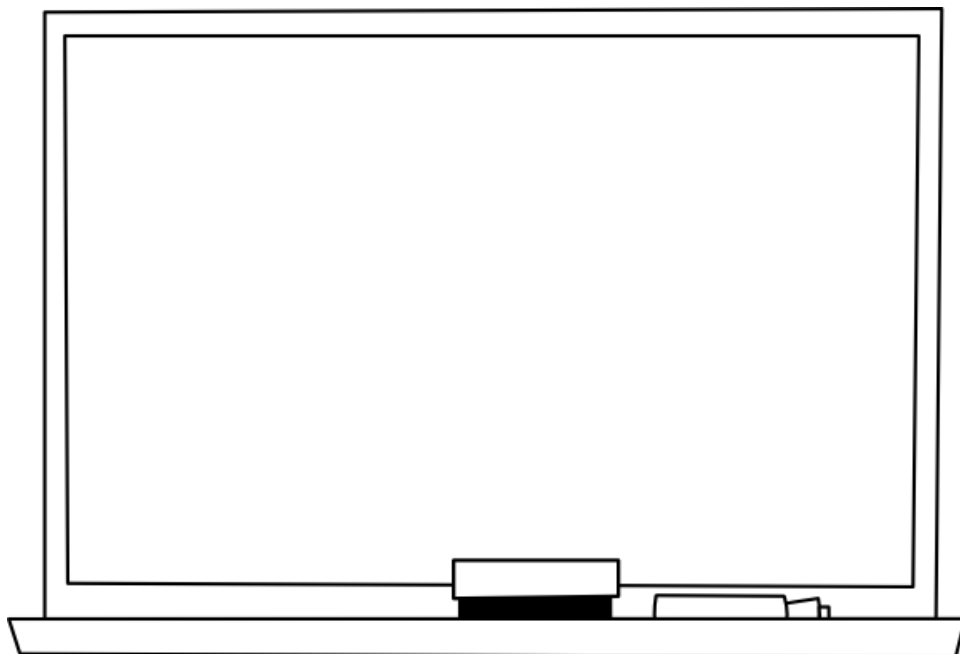
What is the process for finding the 'range' of a set of data? \_\_\_\_\_

\_\_\_\_\_



What is the range of the field goal attempts this season for the Ducks? \_\_\_\_\_

Find the range of the field goal attempts this season for the Bears. Show all of your work in the whiteboard below.





**Outlier:**

What is an outlier? \_\_\_\_\_

What is the outlier for total passing yards for the Ducks' quarterback? \_\_\_\_\_

What is the outlier for the total passing yards for the Bears' quarterback? \_\_\_\_\_

Come up with a set of football data with an outlier in the whiteboard below. Circle your outlier.

