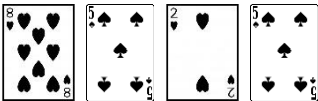


# Statistic Shoot Out

Use the Nerf gun to hit as many playing cards as you can! Grab the cards you hit and bring them back to the table. Using the playing cards find the mean, median, and mode of your shooting skills.

Mean, median, and mode are types of "averages". Mean is the average we use most, where you add up all the numbers and then divide by the number of numbers. Median is the middle value in the list of numbers. To find the median your numbers must be in numerical order. Mode is the value that occurs most often. If there are no repeating numbers in the list then there is no mode for those numbers.

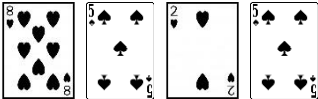
**Mean-** To find the mean add up the face value of all your playing cards, then divide by the number of cards you have.

Example:   $8+5+2+5=20$   $20/4=5$  The mean is 5. Now it's your turn!

**Median-** To find the median put your cards in numerical order. Cross out the highest and lowest cards. Keep crossing out the highest and lowest cards until you find the card in the middle.

Example:  The median is 5. Now it's your turn!

**Mode-** Look at your cards and find the number that occurs most often.

Example:  5 occurs twice. The mode is 5. Now it's your turn!