ΨIBPSYCHOLOGY

Descriptive Statistics- Ruler Drop

Name_____

Period _____

Date _____-_____-_____

You will test to see which gender has the quicker reflexes.

Place the data collected from the class in this chart.

Female:

Male:

Place all the data **in order** from smallest to largest.

Female:

Male:

Calculate the **MEAN** for each gender: (average)

Calculate the **MODE** for each gender: (what is the most frequent score?)

Calculate the **MEDIAN** for each gender: (what is the middle score?)

Does your data have a positive or negative skew? How can you tell?

Calculate the **STANDARD DEVIATION** (**Female**):

Score	Mean	Deviation	Deviation squared
10	8	2	4
6	8	-2	4

Female:
Add all the squared deviations and put total here. _____
Take the number of data points you have (n)
Standard Deviation = Square root(sum of squared deviations / n)
Standard deviation is:_____

Calculate the **STANDARD DEVIATION** (**Male**):

Score	Mean	Deviation	Deviation squared
10	8	2	4
6	8	-2	4

Male:
Add all the squared deviations and put total here. _____
Take the number of data points you have (n)
Standard Deviation = Square root(sum of squared deviations / n)
Standard deviation is:_____