

# Mean, Median, Mode, and Range

\*ALWAYS PUT IN ORDER L → G!

Mean → Average

\* Add up all the numbers & divide

Median → middle number

\* put the numbers in order from least to greatest and find the middle number

\* IF there are TWO middle numbers, add and divide by 2

Mode → Most Often

\* Write down the number that is repeated the most

Range → difference between the biggest and smallest numbers

\* Subtract the smallest number from the biggest number

31, 44, 32, 41, 32

$$\begin{array}{r} \overset{1}{31} \\ \text{Mode} = 32 \\ \text{Median} = 32 \\ 41 \\ + 44 \\ \hline 180 \end{array} \quad \begin{array}{r} 36 = \text{mean} \\ 5 \overline{)180} \\ \underline{15} \downarrow \\ 30 \\ \underline{30} \\ 0 \end{array} \quad \begin{array}{r} 44 \\ - 31 \\ \hline 13 = \text{Range} \end{array}$$

205, 204, 398, 405, 894, 102

$$\begin{array}{r} 102 \\ 204 \\ 205 \\ 398 \\ + 405 \\ \hline 894 \\ \hline 2,208 \end{array} \quad \begin{array}{r} 368 = \text{mean} \\ 6 \overline{)2,208} \\ \underline{18} \downarrow \\ 40 \\ \underline{36} \downarrow \\ 48 \\ \underline{48} \\ 0 \end{array} \quad \begin{array}{r} \overset{11}{205} \\ + 398 \\ \hline 603 \end{array} \quad \begin{array}{r} \text{Median} \downarrow \\ 301\frac{1}{2} = 301.5 \\ 2 \overline{)603} \\ \underline{6} \downarrow \\ 00 \\ \underline{0} \downarrow \\ 03 \\ \underline{2} \\ 1 \end{array}$$

No Mode

$$\begin{array}{r} 894 \\ - 102 \\ \hline 792 = \text{range} \end{array}$$