Name _____

Date _____

Mean, Mode and Median

| Examples | | |
|---|--|---|
| Median | Mean | Mode |
| Ex: 8, 12, 5, 6, 4 <i>Put in order from lowest to highest:</i> 4 5 <u>6</u> 8 12 Median is the one in the middle. If there is an even number, add the two middle numbers and divide by two | Ex: 396585 a. Add all the numbers: 3+9+6+5+8+5=36 b. divide by the total of numbers in the problem(6) = mean $36 \div (6) = 6$ the mean Use Calculatur 'H needed. | Ex: 3, 3, 3, 5, 6, 6, 8, 8, 8, 8 Mode is the most. <i>number that is repeated</i> <i>most.</i> The mode is 8. |
| Problems | | |
| $4 \ 6 \ 3 \ 9 \ 2 \ 3 \ 3 \ 2$ $\frac{2 \ 2 \ 3 \ 3 \ 3 \ 4 \ 6 \ 9}{\text{Lowest #}}$ $\frac{3 \ 4 \ 6 \ 9}{\text{highest #}}$ | 4 6 3 9 2 3 3 2 4 + 6 + 3 + 9 + 2 + 3 + 3 + 2 = 32 ÷ 8 = 50000000000000000000000000000000000 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 9 12 6 7 5 3 8 $\frac{3}{5}$ 6 7 8 9 12 $\frac{12}{highest \#}$ 7 4 12 | 9 12 6 7 5 3 8 9 + $12 + 6 + 7 + 5 + 3 + 8 =$ 50 ÷ 7 Total of numbers in problem 02 7.14 | 9 12 6 7 5 3 8 3 5 6 7 8 9 12 Lowest # 07 4 no mode or 4 |
| 39475529 $\frac{23455799}{highest \#}$ $\frac{5+5}{5+2} = - 5$ 7812587 $\frac{57799}{5}789$ $\frac{7812587}{1+8} = - 5$ $\frac{57798}{12}$ $\frac{7889}{12}$ $\frac{75}{1+8} = - 5$ $\frac{778}{12}$ | $\begin{array}{c} 3 9 4 7 5 5 2 9 \\ 3 + 9 + 4 + 7 + 5 + 5 + 2 + 9 = \\ 4 4 \div 8 \\ \hline \text{Total of numbers} \\ \hline \text{Total of numbers} \\ \hline 5.5 \\ \text{Or} \\ \hline 7 8 12 5 8 7 \\ \hline 7 + 8 + 12 + 5 + 8 + 7 \\ \hline 7 + 8 + 12 + 5 + 8 + 7 \\ \hline \hline 10 + 12 + 5 + 8 + 7 \\ \hline \hline 10 + 12 + 5 \\ \hline \hline 10 + 12 \\ \hline $ | 39475529 23455799 Lowest # 55799 bighest # 5579 bighest # 55799 bighest # 557 |

Choice Strategies