Date \_\_\_\_\_

## Mean, Mode and Median

| Examples   |  |   |  |
|--|--|---|--|
| Median   |  | Mean  | Mode   |
| <ul> <li>Ex: 8, 12, 5, 6, 4</li> <li><i>Put in order from lowest to highest:</i></li> <li>4 5 <u>6</u> 8 12</li> <li>Median is the one in the middle. If there is an even number, add the two middle</li> </ul>  |  | Ex: 3 9 6 5 8 5<br>a. Add all the numbers:<br>3+9+6+5+8+5=36<br>b. divide by the total of numbers<br>in the problem(6) = mean<br>$36 \div (6) = 6$ the mean | Ex: 3, 3, 3, 5, 6, 6, 8,<br>8, 8, 8<br>Mode is the <del>most.</del><br><i>number that is repeated</i><br><i>most.</i><br>The mode is 8.  |
| numbers and divide by two  |  |   |  |
| Problems   |  |   |  |
| 4 6 3 9 2 3 3 2<br>2 2 3 3 4 6 9<br>Lowest#<br>3 + 3 + 2 = 3<br>VES or No  |  | $\frac{46392332}{4+6+3+9+2+3+3+2} = \frac{32}{7} \div \frac{8}{Total of numbers} = \frac{4}{1000}$  | 4 6 3 9 2 3 3 2 $2 2 3 3 4 6 9 Lowest # 3 4 6 9 highest # 3 4 6 9 highest #3 4 6 9 highest #3 4 6 9$ highest #<br>3 4 6 9 highest #<br>3 4 6   |
| 9 12 6 7 5 3 8   |  | 9 12 6 7 5 3 8  | 9 12 6 7 5 3 8   |
| $\frac{3}{100000000000000000000000000000000000$  |  | $\frac{9 + 12 + 6 + 7 + 5 + 3 + 8}{50} \div \frac{7}{\text{Total of numbers}} = 7.14$   | $\frac{3}{100} \frac{5}{100} \frac{6}{10} \frac{7}{100} \frac{8}{100} \frac{9}{12} \frac{12}{100} \frac{12}{$ |
| Yes or NO  |  | Ves or No   | Yes or No  |
| $39475529$ $\frac{23455799}{100000000000000000000000000000000000$  |  | 39475529 3+9+4+7+5+5+2+9= 44 ÷ 8 = 5.5 Ves or No  | $\begin{array}{c} 39475529 \\ \underline{23455799} \\ 1000000000000000000000000000000000000$   |
| 7 8 12 5 8 7<br>$57 \frac{78}{2} \frac{78}{8} \frac{812}{1} \frac{12}{1} \frac$ |  | $7 \ 8 \ 12 \ 5 \ 8 \ 7$ $7 + 8 + 12 + 5 + 8 + 7 =$ $47 \div 6$ $Total of numbers in problem \sqrt{e_{S}} \propto \sqrt{e_{S}} \sqrt{e_{S}} \sqrt{e_{S}}$   | 7 8 12 5 8 7 $5 7 7 8 8 12$ $highest #$ $1 3$ $Ves of No$  |

Yes / No Strategies