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| **Main Ideas/Questions** | **Notes/Examples** |
| **Measures of Central Tendency** | **Mean ():** average; add up all the values and divide by the number of values |
| **Median:** middle number when the values are in order from least to greatest  ***\*Note:*** take the average of the two middle values if the set has an even number of values |
| **Mode(s):** value that occurs the most |
| **Range** | Biggest value – smallest value ***OR*** max - min |
| **Examples** | **Directions:** Find the mean, median, mode(s), and range of each data set. Round to the nearest tenth when necessary. |
| **1.** The daily high temperature for the past two weeks in Orlando:  Mean: \_\_\_\_\_\_\_\_\_  Median: \_\_\_\_\_\_\_\_\_  Mode(s): \_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_ |
| **2.** The number of points scored by a football team during their 16-game season:  Mean: \_\_\_\_\_\_\_\_\_  Median: \_\_\_\_\_\_\_\_\_  Mode(s): \_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_ |
| **3.** Jenna’s math quiz grades in the second quarter:  Mean: \_\_\_\_\_\_\_\_\_  Median: \_\_\_\_\_\_\_\_\_  Mode(s): \_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_ |
| **4.** Trevon has four grades in science class so far: 97, 78, 89, and 94. If he has a test coming up, what grade would he need so his overall average is at least 90? |