

Name: _____

Fill in each blank using the appropriate term: Mean, Median, Mode, Range

| Definition | Vocabulary Term |
|---|-----------------|
| 1. The number or numbers that occur most frequently in a set of data | |
| 2. The middle number or the mean of the two middle numbers in an ordered set of data | |
| 3. The sum of all numbers in a data set, then divided by the number of items in the set, also called average. | |
| 4. The difference of the greatest value and the least value in a set of data, the span of the data set | |

Using each given data set, find the Mean, Median, Mode and Range

| | <u>Mean</u> | <u>Median</u> | <u>Mode</u> | <u>Range</u> | | | | | | | | | | | | | | | | |
|---|-------------|---------------|-------------|--------------|-----------|----|----------|----|--------|----|----------|----|--------|----|--|--|--|--|--|--|
| 5. List below shows the number of bags of popcorn a movie theater sold over seven days. | | | | | | | | | | | | | | | | | | | | |
| <table><tr><td>Monday</td><td>27</td><td>Tuesday</td><td>20</td></tr><tr><td>Wednesday</td><td>25</td><td>Thursday</td><td>90</td></tr><tr><td>Friday</td><td>85</td><td>Saturday</td><td>10</td></tr><tr><td>Sunday</td><td>72</td><td></td><td></td></tr></table> | Monday | 27 | Tuesday | 20 | Wednesday | 25 | Thursday | 90 | Friday | 85 | Saturday | 10 | Sunday | 72 | | | | | | |
| Monday | 27 | Tuesday | 20 | | | | | | | | | | | | | | | | | |
| Wednesday | 25 | Thursday | 90 | | | | | | | | | | | | | | | | | |
| Friday | 85 | Saturday | 10 | | | | | | | | | | | | | | | | | |
| Sunday | 72 | | | | | | | | | | | | | | | | | | | |

| | <u>Mean</u> | <u>Median</u> | <u>Mode</u> | <u>Range</u> | | | | | | | | | | | | |
|---|-------------|---------------|-------------|--------------|----------|----|----------|-----|----------|----|----------|----|--|--|--|--|
| <p>6. Kevin asks 6 friends how many text messages they send each day. The responses appear on the list below.</p> <table><tr><td>Friend 1</td><td>78</td><td>Friend 2</td><td>90</td></tr><tr><td>Friend 3</td><td>78</td><td>Friend 4</td><td>100</td></tr><tr><td>Friend 5</td><td>89</td><td>Friend 6</td><td>75</td></tr></table> | Friend 1 | 78 | Friend 2 | 90 | Friend 3 | 78 | Friend 4 | 100 | Friend 5 | 89 | Friend 6 | 75 | | | | |
| Friend 1 | 78 | Friend 2 | 90 | | | | | | | | | | | | | |
| Friend 3 | 78 | Friend 4 | 100 | | | | | | | | | | | | | |
| Friend 5 | 89 | Friend 6 | 75 | | | | | | | | | | | | | |
| <p>7. 8 students read books from the library for a reading contest. The list below shows the number of books each student read.</p> <p>15 20 12 15 18 9 20 11</p> | | | | | | | | | | | | | | | | |