

- CCSS: 6.NS.2 and 6.SP.5.C
- Learning Objective: Mean, Median, Mode, and Range

➤ Academic Vocabulary:

- Mean
- Median
- Mode
- Range

➤ Examples:

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| <p>1. Mean</p> <p>Data Set = 2, 5, 8, 3, 5, 4 Number of Elements in Data Set = 6</p> $(2 + 5 + 8 + 3 + 5 + 4) \div 6$ $27 \div 6$ 4.5 <p>The mean is 4.5 for the data set.</p> | <p>2. Median</p> <p>Odd Number of Elements Data Set = 2, 3, 9, 3, 5, 4, 7 Reordered = 2, 3, 3, 4, 5, 7, 9 Median = 4</p> <p>Even Number of Elements Data Set = 2, 5, 9, 3, 5, 4 Reordered = 2, 3, 4, 5, 5, 9 Median = $(4 + 5) \div 2 = 4.5$</p> |
| <p>3. Mode</p> <p>Data Set = 2, 5, 2, 5, 2, 4, 7 Modes = 2</p> | <p>4. Range</p> <p>Data Set = 2, 5, 13, 3, 7, 5, 4, 7 Reordered = 2, 3, 4, 5, 5, 7, 7, 13 Range = $(13 - 2) = 11$</p> |

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| <p>1. Mean</p> <p>Step 1: Find the sum of the data set.</p> <p>Step 2: Count the # of elements in data set.</p> <p>Step 3: Divide the sum by the # of elements.</p> | <p>2. Median</p> <p>Step 1: Put #'s in order from least to greatest.</p> <p>Step 2: Find the number in the middle.</p> <p>Step 3: If 2 #'s in middle, find the mean of the 2 #'s.</p> |
| <p>3. Mode</p> <p>Step 1: The number that occurs the most.</p> | <p>4. Range</p> <p>Step 1: Find the largest number.</p> <p>Step 2: Find the smallest number.</p> <p>Step 3: Subtract the smallest from the largest.</p> |

