

**Solve each Problem.****Answers**

- 1) Vanessa's team played 8 games of basketball. During those 8 games her team's score was: 49, 49, 53, 58, 62, 63, 57 and 60. Determine the {mean, median, mode and range} of the scores.

- 2) While driving past stores, Oliver counted the number of cars in the parking lots. He counted: 9, 4, 4, 15 and 3. Determine the {mean, median, mode and range} of the cars he counted.

- 3) A car salesman sold 3 on Monday, 3 on Tuesday, 5 on Wednesday, 15 on Thursday, 19 on Friday and 11 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

- 4) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 105, 98, 96, 105, 92, 95 and 102. Determine the {mean, median, mode and range} of the cones sold.

- 5) During the first 6 hours of the fair there were the following number of customers: 87, 86, 92, 94, 90 and 86. Determine the {mean, median, mode and range} of the number of customers.

1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

**Solve each Problem.**

- 1) Vanessa's team played 8 games of basketball. During those 8 games her team's score was: 49, 49, 53, 58, 62, 63, 57 and 60. Determine the {mean, median, mode and range} of the scores.

$$\text{mean: } 451 \div 8 = 56.4$$

$$\text{median: } 49, 49, 53, 57, 57.5, 58, 60, 62, 63$$

$$\text{mode: } 49 = 2\times$$

$$\text{range: } 63 - 49 = 14$$

- 2) While driving past stores, Oliver counted the number of cars in the parking lots. He counted: 9, 4, 4, 15 and 3. Determine the {mean, median, mode and range} of the cars he counted.

$$\text{mean: } 35 \div 5 = 7$$

$$\text{median: } 3, 4, \underline{4}, 9, 15$$

$$\text{mode: } 4 = 2\times$$

$$\text{range: } 15 - 3 = 12$$

- 3) A car salesman sold 3 on Monday, 3 on Tuesday, 5 on Wednesday, 15 on Thursday, 19 on Friday and 11 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

$$\text{mean: } 56 \div 6 = 9.3$$

$$\text{median: } 3, 3, 5, 8, 11, 15, 19$$

$$\text{mode: } 3 = 2\times$$

$$\text{range: } 19 - 3 = 16$$

- 4) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 105, 98, 96, 105, 92, 95 and 102. Determine the {mean, median, mode and range} of the cones sold.

$$\text{mean: } 693 \div 7 = 99$$

$$\text{median: } 92, 95, 96, \underline{98}, 102, 105, 105$$

$$\text{mode: } 105 = 2\times$$

$$\text{range: } 105 - 92 = 13$$

- 5) During the first 6 hours of the fair there were the following number of customers: 87, 86, 92, 94, 90 and 86. Determine the {mean, median, mode and range} of the number of customers.

$$\text{mean: } 535 \div 6 = 89.2$$

$$\text{median: } 86, 86, 87, 88.5, 90, 92, 94$$

$$\text{mode: } 86 = 2\times$$

$$\text{range: } 94 - 86 = 8$$

Answers

1.	<u>56.4</u>	<u>57.5</u>	<u>49</u>	<u>14</u>
2.	<u>7</u>	<u>4</u>	<u>4</u>	<u>12</u>
3.	<u>9.3</u>	<u>8</u>	<u>3</u>	<u>16</u>
4.	<u>99</u>	<u>98</u>	<u>105</u>	<u>13</u>
5.	<u>89.2</u>	<u>88.5</u>	<u>86</u>	<u>8</u>