

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

- 1) During the first 6 hours of the fair there were the following number of customers: 66, 66, 60, 59, 79 and 61. Determine the {mean, median, mode and range} of the number of customers.

- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 81, 75, 75, 75, 62, 62 and 74. Determine the {mean, median, mode and range} of the cones sold.

- 3) Bianca's team played 8 games of basketball. During those 8 games her team's score was: 62, 61, 62, 63, 55, 64, 66 and 56. Determine the {mean, median, mode and range} of the scores.

- 4) Tiffany was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 15, 6, 6, 3, 3, 4, 6, 7 and 4. Determine the {mean, median, mode and range} of the results.

- 5) At Victor's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 81 pepperoni, 80 sausage, 81 cheese, 71 mushroom, 85 anchovies and 89 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

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

**Solve each Problem.**

- 1) During the first 6 hours of the fair there were the following number of customers: 66, 66, 60, 59, 79 and 61. Determine the {mean, median, mode and range} of the number of customers.

$$\text{mean: } 391 \div 6 = 65.2$$

$$\text{median: } 59, 60, 61, 63.5, 66, 66, 79$$

$$\text{mode: } 66 = 2\times$$

$$\text{range: } 79 - 59 = 20$$

- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 81, 75, 75, 75, 62, 62 and 74. Determine the {mean, median, mode and range} of the cones sold.

$$\text{mean: } 504 \div 7 = 72$$

$$\text{median: } 62, 62, 74, 75, 75, 75, 81$$

$$\text{mode: } 75 = 3\times$$

$$\text{range: } 81 - 62 = 19$$

- 3) Bianca's team played 8 games of basketball. During those 8 games her team's score was: 62, 61, 62, 63, 55, 64, 66 and 56. Determine the {mean, median, mode and range} of the scores.

$$\text{mean: } 489 \div 8 = 61.1$$

$$\text{median: } 55, 56, 61, 62, 62, 62, 63, 64, 66$$

$$\text{mode: } 62 = 2\times$$

$$\text{range: } 66 - 55 = 11$$

- 4) Tiffany was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 15, 6, 6, 3, 3, 4, 6, 7 and 4. Determine the {mean, median, mode and range} of the results.

$$\text{mean: } 54 \div 9 = 6$$

$$\text{median: } 3, 3, 4, 4, 6, 6, 6, 7, 15$$

$$\text{mode: } 6 = 3\times$$

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

- 5) At Victor's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 81 pepperoni, 80 sausage, 81 cheese, 71 mushroom, 85 anchovies and 89 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

$$\text{mean: } 487 \div 6 = 81.2$$

$$\text{median: } 71, 80, 81, 81, 81, 85, 89$$

$$\text{mode: } 81 = 2\times$$

$$\text{range: } 89 - 71 = 18$$

Answers

1.	<u>65.2</u>	<u>63.5</u>	<u>66</u>	<u>20</u>
2.	<u>72</u>	<u>75</u>	<u>75</u>	<u>19</u>
3.	<u>61.1</u>	<u>62</u>	<u>62</u>	<u>11</u>
4.	<u>6</u>	<u>6</u>	<u>6</u>	<u>12</u>
5.	<u>81.2</u>	<u>81</u>	<u>81</u>	<u>18</u>