

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

- 1) At George's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 26 pepperoni, 26 sausage, 27 cheese, 32 mushroom, 38 anchovies and 34 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 63, 56, 51, 55, 44, 58 and 44. Determine the {mean, median, mode and range} of the cones sold.

- 3) A car salesman sold 10 on Monday, 10 on Tuesday, 16 on Wednesday, 10 on Thursday, 14 on Friday and 1 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

- 4) Dave was counting the money he received for his birthday. From his aunt he received \$15. From his uncle he received \$8. His best friends gave him \$15, \$14 and \$10 and \$16. And his sister gave him \$20. Determine the {mean, median, mode and range} of the money he received.

- 5) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 102 points. Mr. Adams class earned 102 points. Mrs. Brown's class earned 95 and Mrs. Daniel's class earned 104. Determine the {mean, median, mode and range} of the number of points scored.

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

**Solve each Problem.**

- 1) At George's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 26 pepperoni, 26 sausage, 27 cheese, 32 mushroom, 38 anchovies and 34 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

$$\text{mean: } 183 \div 6 = 30.5$$

$$\text{median: } 26, 26, 27, 29.5, 32, 34, 38$$

$$\text{mode: } 26 = 2\times$$

$$\text{range: } 38 - 26 = 12$$

- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 63, 56, 51, 55, 44, 58 and 44. Determine the {mean, median, mode and range} of the cones sold.

$$\text{mean: } 371 \div 7 = 53$$

$$\text{median: } 44, 44, 51, 55, 56, 58, 63$$

$$\text{mode: } 44 = 2\times$$

$$\text{range: } 63 - 44 = 19$$

- 3) A car salesman sold 10 on Monday, 10 on Tuesday, 16 on Wednesday, 10 on Thursday, 14 on Friday and 1 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

$$\text{mean: } 61 \div 6 = 10.2$$

$$\text{median: } 1, 10, 10, 10, 10, 14, 16$$

$$\text{mode: } 10 = 3\times$$

$$\text{range: } 16 - 1 = 15$$

- 4) Dave was counting the money he received for his birthday. From his aunt he received \$15. From his uncle he received \$8. His best friends gave him \$15, \$14 and \$10 and \$16. And his sister gave him \$20. Determine the {mean, median, mode and range} of the money he received.

$$\text{mean: } 98 \div 7 = 14$$

$$\text{median: } 8, 10, 14, 15, 15, 16, 20$$

$$\text{mode: } 15 = 2\times$$

$$\text{range: } 20 - 8 = 12$$

- 5) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 102 points. Mr. Adams class earned 102 points. Mrs. Brown's class earned 95 and Mrs. Daniel's class earned 104. Determine the {mean, median, mode and range} of the number of points scored.

$$\text{mean: } 403 \div 4 = 100.8$$

$$\text{median: } 95, 102, 102, 102, 104$$

$$\text{mode: } 102 = 2\times$$

$$\text{range: } 104 - 95 = 9$$

Answers

1.	<u>30.5</u>	<u>29.5</u>	<u>26</u>	<u>12</u>
2.	<u>53</u>	<u>55</u>	<u>44</u>	<u>19</u>
3.	<u>10.2</u>	<u>10</u>	<u>10</u>	<u>15</u>
4.	<u>14</u>	<u>15</u>	<u>15</u>	<u>12</u>
5.	<u>100.8</u>	<u>102</u>	<u>102</u>	<u>9</u>