

**Solve each Problem.**

## Answers

- 1) Dave counted the number of times people sharpened their pencils in class for a week. He counted: 1, 1, 6, 11, 4 and 15. Determine the {mean, median, mode and range} of the numbers.
- 2) Vanessa was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 8, 5, 14, 7, 15, 3, 10, 14 and 14. Determine the {mean, median, mode and range} of the results.
- 3) A car salesman sold 7 on Monday, 7 on Tuesday, 5 on Wednesday, 18 on Thursday, 15 on Friday and 9 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: 86, 82, 78, 80, 78, 84 and 79. Determine the {mean, median, mode and range} of the cones sold.
- 5) At Frank's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 92 pepperoni, 92 sausage, 79 cheese, 98 mushroom, 91 anchovies and 85 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Solve each Problem.**

- 1) Dave counted the number of times people sharpened their pencils in class for a week. He counted: 1, 1, 6, 11, 4 and 15. Determine the {mean, median, mode and range} of the numbers.

mean:  $38 \div 6 = 6.3$

median: 1, 1, 4, 5, 6, 11, 15

mode: 1 = 2×

range:  $15 - 1 = 14$

- 2) Vanessa was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 8, 5, 14, 7, 15, 3, 10, 14 and 14. Determine the {mean, median, mode and range} of the results.

mean:  $90 \div 9 = 10$

median: 3, 5, 7, 8, 10, 14, 14, 14, 15

mode: 14 = 3×

range:  $15 - 3 = 12$

- 3) A car salesman sold 7 on Monday, 7 on Tuesday, 5 on Wednesday, 18 on Thursday, 15 on Friday and 9 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

mean:  $61 \div 6 = 10.2$

median: 5, 7, 7, 8, 9, 15, 18

mode: 7 = 2×

range:  $18 - 5 = 13$

- 4) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 86, 82, 78, 80, 78, 84 and 79. Determine the {mean, median, mode and range} of the cones sold.

mean:  $567 \div 7 = 81$

median: 78, 78, 79, 80, 82, 84, 86

mode: 78 = 2×

range:  $86 - 78 = 8$

- 5) At Frank's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 92 pepperoni, 92 sausage, 79 cheese, 98 mushroom, 91 anchovies and 85 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

mean:  $537 \div 6 = 89.5$

median: 79, 85, 91, 91.5, 92, 92, 98

mode: 92 = 2×

range:  $98 - 79 = 19$

**Answers**

1.	<u>6.3</u>	<u>5</u>	<u>1</u>	<u>14</u>
2.	<u>10</u>	<u>10</u>	<u>14</u>	<u>12</u>
3.	<u>10.2</u>	<u>8</u>	<u>7</u>	<u>13</u>
4.	<u>81</u>	<u>80</u>	<u>78</u>	<u>8</u>
5.	<u>89.5</u>	<u>91.5</u>	<u>92</u>	<u>19</u>