

**Solve each Problem.**

- 1) During the first 6 hours of the fair there were the following number of customers: 97, 85, 81, 81, 84 and 83. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of customers.

Mean: $511 \div 6 = 85.2$

Median: 81, 81, 83, 83.5, 84, 85, 97

Mode: 81 = 2x

Range: $97 - 81 = 16$

- 2) Henry was counting the money he received for his birthday. From his aunt he received \$26. From his uncle he received \$10. His best friends gave him \$25, \$9 and \$11 and \$28. And his sister gave him \$10. Determine the mean (rounded to the nearest tenth), median, mode and range of the money he received.

Mean: $119 \div 7 = 17$

Median: 9, 10, 10, 11, 25, 26, 28

Mode: 10 = 2x

Range: $28 - 9 = 19$

- 3) A car salesman sold 13 on Monday, 8 on Tuesday, 7 on Wednesday, 1 on Thursday, 1 on Friday and 6 on Saturday. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of cars he sold.

Mean: $36 \div 6 = 6$

Median: 1, 1, 6, 6.5, 7, 8, 13

Mode: 1 = 2x

Range: $13 - 1 = 12$

- 4) Cody was comparing the points the Bulls scored for different games. He recorded: 83, 84, 78, 84 and 69. Determine the mean (rounded to the nearest tenth), median, mode and range of the points scored.

Mean: $398 \div 5 = 79.6$

Median: 69, 78, 83, 84, 84

Mode: 84 = 2x

Range: $84 - 69 = 15$

- 5) Luke counted the number of times people sharpened their pencils in class for a week. He counted: 17, 20, 11, 11, 22 and 5. Determine the mean (rounded to the nearest tenth), median, mode and range of the numbers.

Mean: $86 \div 6 = 14.3$

Median: 5, 11, 11, 14, 17, 20, 22

Mode: 11 = 2x

Range: $22 - 5 = 17$

Answers

1. 85.2 83.5 81 16

2. 17 11 10 19

3. 6 6.5 1 12

4. 79.6 83 84 15

5. 14.3 14 11 17