



Using the set of numbers find the mean, median, mode and range.

Answers

- 1) A car salesman sold 1 on Monday, 1 on Tuesday, 13 on Wednesday, 5 on Thursday, 11 on Friday and 12 on Saturday. Determine the mean, median, mode and range of the number of cars he sold.
- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 70, 63, 70, 61, 65, 73 and 74. Determine the mean, median, mode and range of the cones sold.
- 3) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 90 points. Mr. Adams class earned 90 points. Mrs. Brown's class earned 92 and Mrs. Daniel's class earned 105. Determine the mean, median, mode and range of the number of points scored.
- 4) Jerry was counting the money he received for his birthday. From his aunt he received \$13. From his uncle he received \$8. His best friends gave him \$10, \$9 and \$25 and \$27. And his sister gave him \$13. Determine the mean, median, mode and range of the money he received.
- 5) Emily's team played 8 games of basketball. During those 8 games her team's score was: 90, 90, 94, 102, 90, 101, 96 and 103. Determine the mean, median, mode and range of the scores.

1. ____

2. ____

3. ____

4. ____

5. ____



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Answers

- 1) A car salesman sold 1 on Monday, 1 on Tuesday, 13 on Wednesday, 5 on Thursday, 11 on Friday and 12 on Saturday. Determine the mean, median, mode and range of the number of cars he sold.

mean: $43 \div 6 = 7.2$

median: 1, 1, 5, 8, 11, 12, 13

mode: 1 = $2\times$

range: $13 - 1 = 12$

1. 7.2 **8** **1** 12

2. **68** 70 70 **13**

3. 94.3 **91** **90** **15**

4. **15** **13** **13** **19**

5. 95.8 **95** **90** **13**

- 2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 70, 63, 70, 61, 65, 73 and 74. Determine the mean, median, mode and range of the cones sold.

mean: $476 \div 7 = 68$

median: 61, 63, 65, 70, 70, 73, 74

mode: 70 = $2\times$

range: $74 - 61 = 13$

- 3) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 90 points. Mr. Adams class earned 90 points. Mrs. Brown's class earned 92 and Mrs. Daniel's class earned 105. Determine the mean, median, mode and range of the number of points scored.

mean: $377 \div 4 = 94.3$

median: 90, 90, ⁹¹92, 105

mode: 90 = $2\times$

range: $105 - 90 = 15$

- 4) Jerry was counting the money he received for his birthday. From his aunt he received \$13. From his uncle he received \$8. His best friends gave him \$10, \$9 and \$25 and \$27. And his sister gave him \$13. Determine the mean, median, mode and range of the money he received.

mean: $105 \div 7 = 15$

median: 8, 9, 10, 13, 13, 25, 27

mode: 13 = $2\times$

range: $27 - 8 = 19$

- 5) Emily's team played 8 games of basketball. During those 8 games her team's score was: 90, 90, 94, 102, 90, 101, 96 and 103. Determine the mean, median, mode and range of the scores.

mean: $766 \div 8 = 95.8$

median: 90, 90, 90, 94, ⁹⁵96, 101, 102, 103

mode: 90 = $3\times$

range: $103 - 90 = 13$