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

1) A car salesman sold 12 on Monday, 12 on Tuesday, 7 on Wednesday, 5 on Thursday, 6 on Friday and 13 on Saturday. Determine the mean, median, mode and range of the number of cars he sold.

1. __ __ __ __

2. __ __ __ __

3. __ __ __ __

4. __ __ __ __

2) Edward was selling chocolate for a school fund raiser. On the first week he sold 40. On the second week he sold 36. On the third week he sold 42. On the fourth week he sold 26 and on the last week he sold 36. Determine the mean, median, mode and range of the chocolate bars he sold.

5. __ __ __ __

3) Billy counted the number of times people sharpened their pencils in class for a week. He counted: 23, 23, 4, 9, 10 and 5. Determine the mean, median, mode and range of the numbers.

4) Frank was counting the money he received for his birthday. From his aunt he received $20. From his uncle he received $13. His best friends gave him $9, $10 and $11 and $13. And his sister gave him $22. Determine the mean, median, mode and range of the money he received.

5) Robin's team played 8 games of basketball. During those 8 games her team's score was: 88, 88, 97, 100, 107, 98, 88 and 91. Determine the mean, median, mode and range of the scores.

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Answers

1) A car salesman sold 12 on Monday, 12 on Tuesday, 7 on Wednesday, 5 on Thursday, 6 on Friday and 13 on Saturday. Determine the mean, median, mode and range of the number of cars he sold.
mean: 55÷6 = 9.2
median: 5 , 6 , 7, 9.5 , 12 , 12 , 13
mode: 12 = 2×
range: 13 - 5 = 8

1. 9.2   9.5   **12**   **8**

2) Edward was selling chocolate for a school fund raiser. On the first week he sold 40. On the second week he sold 36. On the third week he sold 42. On the fourth week he sold 26 and on the last week he sold 36. Determine the mean, median, mode and range of the chocolate bars he sold.
mean: 180÷5 = 36
median: 26 , 36 , 36 , 40 , 42
mode: 36 = 2×
range: 42 - 26 = 16

2. **36**   **36**   **36**   **16**

3. 12.3   9.5   **23**   **19**

4. **14**   **13**   **13**   **13**

3) Billy counted the number of times people sharpened their pencils in class for a week. He counted: 23, 23, 4, 9, 10 and 5. Determine the mean, median, mode and range of the numbers.
mean: 74÷6 = 12.3
median: 4 , 5 , 9, 9.5 , 10 , 23 , 23
mode: 23 = 2×
range: 23 - 4 = 19

5. 94.6   **94**   **88**   **19**

4) Frank was counting the money he received for his birthday. From his aunt he received $20. From his uncle he received $13. His best friends gave him $9, $10 and $11 and $13. And his sister gave him $22. Determine the mean, median, mode and range of the money he received.
mean: 98÷7 = 14
median: 9 , 10 , 11 , 13 , 13 , 20 , 22
mode: 13 = 2×
range: 22 - 9 = 13

5) Robin's team played 8 games of basketball. During those 8 games her team's score was: 88, 88, 97, 100, 107, 98, 88 and 91. Determine the mean, median, mode and range of the scores.
mean: 757÷8 = 94.6
median: 88 , 88 , 88 , 91, 94 , 97 , 98 , 100 , 107
mode: 88 = 3×
range: 107 - 88 = 19