| | Examining Number Sets (Word) | Name: |

Solve each Problem.

1) During the first 6 hours of the fair there were the following number of customers: 102, 103, 88, 88, 86 and 97. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of customers.

2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 56, 73, 72, 71, 63, 55 and 72. Determine the mean (rounded to the nearest tenth), median, mode and range of the cones sold.

3) A car salesman sold 16 on Monday, 17 on Tuesday, 17 on Wednesday, 12 on Thursday, 15 on Friday and 7 on Saturday. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of cars he sold.

4) Haley was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 7, 7, 8, 5, 8, 15, 4, 8 and 14. Determine the mean (rounded to the nearest tenth), median, mode and range of the results.

5) Maria's team played 8 games of basketball. During those 8 games her team's score was: 55, 61, 51, 52, 44, 54, 44 and 47. Determine the mean (rounded to the nearest tenth), median, mode and range of the scores.

Answers

1. ___ ___ ___ ___
2. ___ ___ ___ ___
3. ___ ___ ___ ___
4. ___ ___ ___ ___
5. ___ ___ ___ ___

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1-5 | 80 | 60 | 40 | 20 | 0

Solve each Problem.

1) During the first 6 hours of the fair there were the following number of customers: 102, 103, 88, 88, 86 and 97. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of customers.
Mean: 564 ÷ 6 = 94
Median: 86 , 88 , 88, 92.5 , 97 , 102 , 103
Mode: 88 = 2×
Range: 103 - 86 = 17

1. **94   92.5   88   17**

2) At an ice cream parlor, the owner was tracking the number of chocolate cones he sold over a week. His results were: 56, 73, 72, 71, 63, 55 and 72. Determine the mean (rounded to the nearest tenth), median, mode and range of the cones sold.
Mean: 462 ÷ 7 = 66
Median: 55 , 56 , 63 , 71 , 72 , 72 , 73
Mode: 72 = 2×
Range: 73 - 55 = 18

2. **66   71   72   18**

3) A car salesman sold 16 on Monday, 17 on Tuesday, 17 on Wednesday, 12 on Thursday, 15 on Friday and 7 on Saturday. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of cars he sold.
Mean: 84 ÷ 6 = 14
Median: 7 , 12 , 15, 15.5 , 16 , 17 , 17
Mode: 17 = 2×
Range: 17 - 7 = 10

3. **14   15.5   17   10**

4) Haley was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 7, 7, 8, 5, 8, 15, 4, 8 and 14. Determine the mean (rounded to the nearest tenth), median, mode and range of the results.
Mean: 76 ÷ 9 = 8.4
Median: 4 , 5 , 7 , 7 , 8 , 8 , 8 , 14 , 15
Mode: 8 = 3×
Range: 15 - 4 = 11

4. **8.4   8   8   11**

5) Maria's team played 8 games of basketball. During those 8 games her team's score was: 55, 61, 51, 52, 44, 54, 44 and 47. Determine the mean (rounded to the nearest tenth), median, mode and range of the scores.
Mean: 408 ÷ 8 = 51
Median: 44 , 44 , 47 , 51, 51.5 , 52 , 54 , 55 , 61
Mode: 44 = 2×
Range: 61 - 44 = 17

5. **51   51.5   44   17**