



Name : Class :

Examining number sets word problems

Solve each number set problem.

- 1) Jeremy counted the number of times people sharpened their pencils in class for a week. He counted: 10, 11, 6, 11, 13 and 9. Determine the mean (rounded to the nearest tenth), median, mode and range of the numbers.

- 2) Dara was selling chocolate for a school fund raiser. On the first week he sold 85. On the second week he sold 71. On the third week he sold 86. On the fourth week he sold 83 and on the last week she sold 83. Determine the mean (rounded to the nearest tenth), median, mode and range of the chocolate bars she sold.

- 3) During the first 6 hours of the fair there were the following number of customers: 80, 81, 72, 76, 79 and 79. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of customers.

- 4) While driving past stores, Ned counted the number of cars in the parking lots. He counted: 56, 67, 67, 70 and 69. Determine the mean (rounded to the nearest tenth), median, mode and range of the cars he counted.

- 5) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 58 points. Mr. Adams class earned 58 points. Mrs. Brown's class earned 43 and Mrs. Daniel's class earned 50. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of points scored.

ANSWER SHEET

Solve each number set problem.

- 1) Kaleb counted the number of times people sharpened their pencils in class for a week. He counted: 10, 11, 6, 11, 13 and 9. Determine the mean (rounded to the nearest tenth), median, mode and range of the numbers.

Mean: $60 \div 6 = 10$

Median: 6, 9, 10, 10.5, 11, 11, 13

Mode: 11 = 2×

Range: $13 - 6 = 7$

Answers 10 10.5 11 7

- 2) Cody was selling chocolate for a school fund raiser. On the first week he sold 85. On the second week he sold 71. On the third week he sold 86. On the fourth week he sold 83 and on the last week he sold 83. Determine the mean (rounded to the nearest tenth), median, mode and range of the chocolate bars he sold.

Mean: $408 \div 5 = 81.6$

Median: 71, 83, 83, 85, 86

Mode: 83 = 2×

Range: $86 - 71 = 15$

Answers 81.6 83 83 15

- 3) During the first 6 hours of the fair there were the following number of customers: 80, 81, 72, 76, 79 and 79. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of customers.

Mean: $467 \div 6 = 77.8$

Median: 72, 76, 79, 79, 79, 80, 81

Mode: 79 = 2×

Range: $81 - 72 = 9$

Answers 77.8 79 79 9

- 4) While driving past stores, Ned counted the number of cars in the parking lots. He counted: 56, 67, 67, 70 and 69. Determine the mean (rounded to the nearest tenth), median, mode and range of the cars he counted.

Mean: $329 \div 5 = 65.8$

Median: 56, 67, 67, 69, 70

Mode: 67 = 2×

Range: $70 - 56 = 14$

Answers 65.8 67 67 14

- 5) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 58 points. Mr. Adams class earned 58 points. Mrs. Brown's class earned 43 and Mrs. Daniel's class earned 50. Determine the mean (rounded to the nearest tenth), median, mode and range of the number of points scored.

Mean: $209 \div 4 = 52.3$

Median: 43, 50, 54, 58, 58

Mode: 58 = 2×

Range: $58 - 43 = 15$

Answers 52.3 54 58 15