Solve each Problem.

1) At Billy's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 87 pepperoni, 87 sausage, 85 cheese, 83 mushroom, 95 anchovies and 92 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

2) While driving past stores, Tom counted the number of cars in the parking lots. He counted: 14, 10, 7, 25 and 14. Determine the {mean, median, mode and range} of the cars he counted.

3) A car salesman sold 10 on Monday, 10 on Tuesday, 12 on Wednesday, 8 on Thursday, 5 on Friday and 6 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

4) Roger was counting the money he received for his birthday. From his aunt he received \$16. From his uncle he received \$11. His best friends gave him \$13, \$15 and \$6 and \$11. And his sister gave him \$19. Determine the {mean, median, mode and range} of the money he received.

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 57 points. Mr. Adams class earned 57 points. Mrs. Brown's class earned 56 and Mrs. Daniel's class earned 65. Determine the {mean, median, mode and range} of the number of points scored.

Answers



Solve each Problem.

1) At Billy's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 87 pepperoni, 87 sausage, 85 cheese, 83 mushroom, 95 anchovies and 92 pineapple. Determine the {mean, median, mode and range} of the number of pizzas sold.

mean: $529 \div 6 = 88.2$

median: 83, 85, 87, 87, 87, 92, 95

mode: $87 = 2 \times$ range: 95 - 83 = 12

2) While driving past stores, Tom counted the number of cars in the parking lots. He counted: 14, 10, 7, 25 and 14. Determine the {mean, median, mode and range} of the cars he counted.

mean: $70 \div 5 = 14$

median: 7, 10, 14, 14, 25

mode: $14 = 2 \times$ range: 25 - 7 = 18

3) A car salesman sold 10 on Monday, 10 on Tuesday, 12 on Wednesday, 8 on Thursday, 5 on Friday and 6 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

mean: $51 \div 6 = 8.5$ median: 5, 6, 8, 9, 10, 10, 12 mode: $10 = 2 \times$ range: 12 - 5 = 7

4) Roger was counting the money he received for his birthday. From his aunt he received \$16. From his uncle he received \$11. His best friends gave him \$13, \$15 and \$6 and \$11. And his sister gave him \$19. Determine the {mean, median, mode and range} of the money he received.

mean: $91 \div 7 = 13$

median: 6, 11, 11, 13, 15, 16, 19

mode: $11 = 2 \times$ range: 19 - 6 = 13

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 57 points. Mr. Adams class earned 57 points. Mrs. Brown's class earned 56 and Mrs. Daniel's class earned 65. Determine the {mean, median, mode and range} of the number of points scored.

mean: $235 \div 4 = 58.8$

median: 56, 57, 57, 57, 65

mode: $57 = 2 \times$ range: 65 - 56 = 9

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Name:

1.	88.2	87	87	12
2.	14	14	14	18
3	8.5	9	10	7
	12	12	11	12

5. <u>58.8</u> <u>57</u> <u>57</u> <u>9</u>