

**Solve each Problem.****Answers**

- 1) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 81 points. Mr. Adams class earned 81 points. Mrs. Brown's class earned 91 and Mrs. Daniel's class earned 88. Determine the {mean, median, mode and range} of the number of points scored.

- 2) Lana was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 18, 9, 3, 10, 3, 6, 8, 13 and 11. Determine the {mean, median, mode and range} of the results.

- 3) A car salesman sold 13 on Monday, 13 on Tuesday, 10 on Wednesday, 2 on Thursday, 4 on Friday and 13 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

- 4) Billy was counting the money he received for his birthday. From his aunt he received \$15. From his uncle he received \$12. His best friends gave him \$18, \$7 and \$10 and \$18. And his sister gave him \$25. Determine the {mean, median, mode and range} of the money he received.

- 5) Gwen's team played 8 games of basketball. During those 8 games her team's score was: 94, 94, 85, 77, 84, 81, 96 and 97. Determine the {mean, median, mode and range} of the scores.

1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

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- 1) At a school several teachers were holding a contest to see which class could earn the most trivia points. Mrs. William's class scored 81 points. Mr. Adams class earned 81 points. Mrs. Brown's class earned 91 and Mrs. Daniel's class earned 88. Determine the {mean, median, mode and range} of the number of points scored.

$$\text{mean: } 341 \div 4 = 85.3$$

$$\text{median: } 81, 81, \underline{84.5}, 88, 91$$

$$\text{mode: } 81 = 2\times$$

$$\text{range: } 91 - 81 = 10$$

$$1. \quad \underline{85.3} \quad \underline{84.5} \quad \underline{81} \quad \underline{10}$$

$$2. \quad \underline{9} \quad \underline{9} \quad \underline{3} \quad \underline{15}$$

$$3. \quad \underline{9.2} \quad \underline{11.5} \quad \underline{13} \quad \underline{11}$$

$$4. \quad \underline{15} \quad \underline{15} \quad \underline{18} \quad \underline{18}$$

$$5. \quad \underline{88.5} \quad \underline{89.5} \quad \underline{94} \quad \underline{20}$$

- 2) Lana was doing a classroom survey. She asked the girls in the class how many siblings they had and recorded the results: 18, 9, 3, 10, 3, 6, 8, 13 and 11. Determine the {mean, median, mode and range} of the results.

$$\text{mean: } 81 \div 9 = 9$$

$$\text{median: } 3, 3, 6, 8, \underline{9}, 10, 11, 13, 18$$

$$\text{mode: } 3 = 2\times$$

$$\text{range: } 18 - 3 = 15$$

- 3) A car salesman sold 13 on Monday, 13 on Tuesday, 10 on Wednesday, 2 on Thursday, 4 on Friday and 13 on Saturday. Determine the {mean, median, mode and range} of the number of cars he sold.

$$\text{mean: } 55 \div 6 = 9.2$$

$$\text{median: } 2, 4, 10, \underline{11.5}, 13, 13, 13$$

$$\text{mode: } 13 = 3\times$$

$$\text{range: } 13 - 2 = 11$$

- 4) Billy was counting the money he received for his birthday. From his aunt he received \$15. From his uncle he received \$12. His best friends gave him \$18, \$7 and \$10 and \$18. And his sister gave him \$25. Determine the {mean, median, mode and range} of the money he received.

$$\text{mean: } 105 \div 7 = 15$$

$$\text{median: } 7, 10, 12, \underline{15}, 18, 18, 25$$

$$\text{mode: } 18 = 2\times$$

$$\text{range: } 25 - 7 = 18$$

- 5) Gwen's team played 8 games of basketball. During those 8 games her team's score was: 94, 94, 85, 77, 84, 81, 96 and 97. Determine the {mean, median, mode and range} of the scores.

$$\text{mean: } 708 \div 8 = 88.5$$

$$\text{median: } 77, 81, 84, 85, \underline{89.5}, 94, 94, 96, 97$$

$$\text{mode: } 94 = 2\times$$

$$\text{range: } 97 - 77 = 20$$