

LESSON
6-2

Practice B (You may use a calculator.)

Mean, Median, Mode, and Range

Find the mean of each data set.

1.

Brian's Math Test Scores	86	90	93	85	79	92
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2.

Heights of Basketball Players (in.)	72	75	78	72	73
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Find the mean, median, mode, and range of each data set.

3.

School Sit-Up Records (sit-ups per minute)	31	28	30	31	30
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4.

Team Heart Rates (beats per min)	70	68	70	72	68	66
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5.

Daily Winter Temperatures (°F)	45	50	47	52	53	45	51
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6. Anita has two sisters and three brothers. The mean of all their ages is 6 years. What will their mean age be 10 years from now? Twenty years from now?

7. In a class of 28 sixth graders, all but one of the students are 12 years old. Which two data measurements are the same for the student's ages? What are those measurements?

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6-2

Problem Solving

Mean, Median, Mode, and Range

Write the correct answer.

1. Use the table at right to find the mean, median, mode, and range of the data set.

2. When you use the data for only 2 of the teams in the table, the mean, median, and mode for the data are the same. Which teams are they?

World Series Winners

Team	Number of Wins
Baltimore Orioles	3
Boston Red Sox	5
Detroit Tigers	4
Minnesota Twins	3
Pittsburgh Pirates	5

Circle the letter of the correct answer.

3. The states that border the Gulf of Mexico are Alabama, Florida, Louisiana, Mississippi, and Texas. What is the mean for the number of letters in those states' names?

- A 7 letters
- B 7.8 letters
- C 8 letters
- D 8.7 letters

5. If the mean of two numbers is 2.5, what is true about the data?
- A Both numbers are greater than 5.
 - B One of the numbers is less than 2.
 - C One of the numbers is 2.5.
 - D The sum of the data is not divisible by 2.

4. There are 5 whole numbers in a data set. The mean of the data is 10. The median and mode are both 9. The least number in the data set is 7, and the greatest is 14. What are the numbers in the data set?

- F 7, 7, 9, 11, and 14
- G 7, 7, 9, 9, and 14
- H 7, 9, 9, 11, and 14
- J 7, 9, 9, 14, and 14

6. Tom wants to find the average height of the students in his class. Which measurement should he find?

- F the range
- G the mean
- H the median
- J the mode