

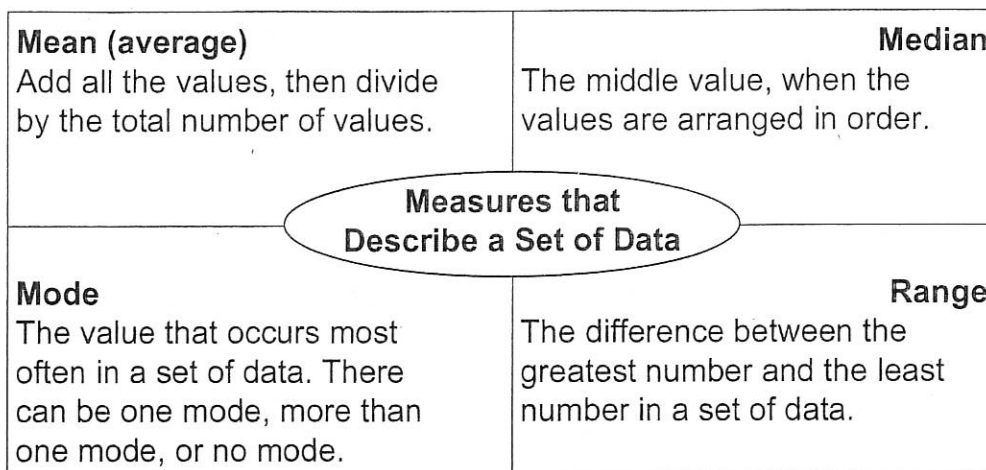
LESSON
6-2

Reading Strategies

Vocabulary Development

The **mean**, the **median**, the **mode**, and the **range** are measures that describe a set of data.

This picture will help you learn about each measure.



These are Tim's bowling scores from 5 different games:

89 98 110 98 105

Write **mean**, **median**, **mode**, or **range** to answer the following questions about Tim's scores.

1. The number 98 indicates which measure?

2. Tim added up all his scores and divided by 5. Which measure did he find?

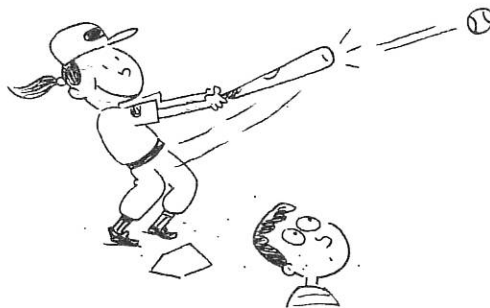
3. Tim found that the difference between his highest and lowest score was 21 points. That measure is called the

4. Tim noticed that he got a score of 98 twice. Which measure is Tim focusing on?

Name(s): _____

Above-Average Kids

Give these average problems your best shot.



In last week's baseball game, Henry scored 7 runs, Parker scored 4, Dominick 3, and Bill 2. What was their mean score? What was their median score?

Hillary, Bethany, and Hannah earn money by raking leaves. One weekend, Hillary earned \$95, Bethany earned \$57, and Hannah earned \$100. What was the mean number of dollars the three girls earned?

Franny sorted a big bag of jelly beans by color. She found 37 red, 49 yellow, 18 white, 53 black, 39 orange, and 56 green. What was the mean number of each color? What was the median number?

Your math teacher will let you choose whether you will receive the mean or the median of your test scores on your report card. These are your test scores: 88, 90, 80, 63, 73, 72, and 87. Should you choose the mean or the median?

Lily and her friends have a party so they could trade barrettes, hair ties, and headbands. Carla brought 87 hair accessories, Brenda brought 43, Olga's overstuffed bag held 91, and Lily had 49. What was the range of hair accessories at the party?

Last summer the Sampson triplets each read 7 books. Their older brother read 23 mystery books. What was the mean number of books the Sampson children read? What was the median number of books?

At the game, shouts came from all over the stadium—20 from one area, 12 from another, 17 from the top rows, 17 from the left section, 29 from the bottom rows, 25 from the right section, and 18 from the center. What was the median number of shouts? What was the range? What was the mode?

For the bake sale, Kyle brought 3 dozen peanut-butter brownies, Hannah brought $2\frac{1}{2}$ dozen chocolate-chip ones, Mona brought $2\frac{1}{2}$ dozen plain brownies, and Carl made 56 rainbow-sprinkled brownies. What was the mean number of brownies? What was the median number?

Tyler wanted to know how many CDs each of his friends owns. Here's the number of CDs each of his friends has: 8, 11, 5, 2, 5, 7, 1, 15, and 18. What is the mean and median number of CDs that Tyler's friends own? What is the mode? What is the range?