

Lesson 2-3

Reinforce Understanding

Describe the Data Using the Median

I can find the median of a data set and use it to describe what is typical.

Worked model

Seven bowling scores are 96, 88, 104, 91, 99, 86, 93. What is the median score?

1. Write the values in order, crossing each one off the original list as you place it.
2. Ordered: 86, 88, 91, 93, 96, 99, 104.
3. Count them. Seven values is an odd count, so one value sits exactly in the middle.
4. Cross off one from each end until a single value is left.

Answer: The median score is 93, the middle value of the ordered list.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Put the steps for finding median in the correct order.

Write the name of the correct group on each line.

Groups: Steps to find the median (in order)

- _____ Step 1: Order the data from least to greatest
- _____ Step 2: Count the total number of values
- _____ Step 3: Find the middle value (or average of two middle values)
- _____ Step 4: The middle value is the median

2. Find the mean of: 10, 14, 8, 12, 16

Circle the letter of the best answer. Show how you know.

- A. 10
- B. 12
- C. 14
- D. 60

3. Find the median of: 3, 7, 2, 9, 5

Circle the letter of the best answer. Show how you know.

- A. 3
- B. 5
- C. 5.2
- D. 7