

Lesson 2-3 • Group 2

Reinforce Understanding

2.3 Small Group • Group 2

I can find the median of a data set and use it to describe what is typical, explain how I can tell, and judge a case I have not seen before.

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. Complete the table.

Complete the table. Show how you found each value.

Data Set	Mean	Median	Mode
5, 8, 8, 10, 14			
20, 25, 25, 30, 25, 35			
100, 110, 90, 100, 115, 95			

Show your work

2. Match each measure to its definition.

Write the letter of the matching item on each line.

1. _____ Mean
2. _____ Median
3. _____ Mode
4. _____ Range

- A Sum $\div$ Count
- B Middle value
- C Most frequent
- D Max – Min

3. A team scored 4, 4, 7, and 9 goals in four matches. What is the MODE?

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

- A. 4
- B. 6
- C. 7
- D. 9