Describe the Data Using the Median

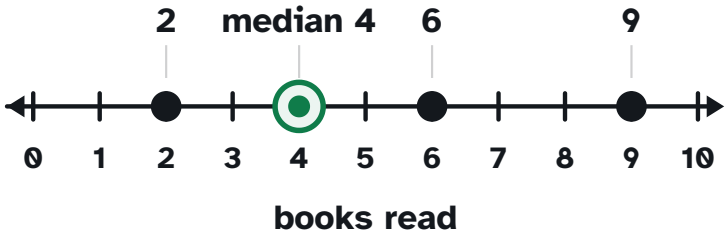
Find the median: put the numbers in order and find the middle value.

Name _____ **Date** _____

Tonight's spark

Five students counted the books they read: 4, 9, 2, 6, 4. A poster asks for the middle number. What is it?

Make a guess first: is the middle number bigger or smaller than 5?



Our class model: order first, then find the middle

Try it

Work it out on paper. Write one answer on each line.

1 **What is the median of a data set?**

A. The value that appears most often **B.** The middle value when the numbers are in order
C. The greatest value **D.** All the values added up

My answer _____

2 **What is the median of 3, 5, 9?**

A. 5 **B.** 3 **C.** 9 **D.** 17

My answer _____

3 **What is the median of 7, 2, 9, 4, 5?**

A. 9 **B.** 7 **C.** 4 **D.** 5

My answer _____

4 **What is the median of 12, 15, 11, 20, 18?**

A. 11 **B.** 15 **C.** 20 **D.** 18

My answer _____

5 **What is the median of 1, 1, 4, 9, 10?**

A. 1 **B.** 5 **C.** 4 **D.** 10

My answer _____

6 **A student walked a dog for 6, 3, 8, 5, 7 miles over five days. What is the median number of miles?**

A. 6 **B.** 8 **C.** 3 **D.** 5.8

My answer _____

Talk about it

What should you do to the list before you look for the middle?

Home mission

Write 4, 9, 2, 6 and 4 on five small papers and mix them up. Can your student put them in order and point to the middle one? Then ask what changes if you take away the 9.

If we get stuck, ask

- Are the numbers in order yet?
- How many numbers are there — odd or even?
- Which number is exactly in the middle?

Do it on a screen

Scan or type the link. Same lesson, with hints.

eduwonderlab.com/lessons/2-3/homework.html

How did it feel? (optional)

Tricky Getting there Got it