Name_____ Date_____ Period_____

LESSON 2-4 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Find the Median

Builds on Lesson 2-3 · 6.SP.B.5c

TODAY'S LESSON	Each five-number summary needs the median, like 21 for the pumpkin weights.
YOU NEED TO	Find the median of an odd or an even number of values. **You will use it in Practice Form A, problems 1 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Order** the values.
2. Find the **middle**: one value or two.
3. Two middle values? **Add** them and divide by 2.

WATCH ME

the steps in action

Find the median of 3, 5, 8, 10, 12, 14, 18, 20.

Step 1 The values are in order.

Step 2 8 values. The two middle values are 10 and 12.

Step 3 (10 + 12) ÷ 2 = 11.

Answer 11

TRY IT WITH HELP

fill in each step

1. Find the median of 9, 4, 12, 7, 15.

Step 1 In order: _____.

Step 2 One middle value: _____.

Step 3 The median is _____.

2. Find the median of 6, 10, 14, 18.

Step 1 In order: _____.

Step 2 Two middle values: _____ and _____.

Step 3 (10 + 14) ÷ 2 = _____.

YOUR TURN

use the steps on your own

3. Find the median.

a. 4, 7, 9, 12, 15 _____

b. 2, 6, 8, 11 _____

c. 18, 7, 12, 25, 9 _____

d. 33, 21, 40, 28 _____

e. 6, 15, 9, 3, 12, 10 _____

f. 80, 75, 90, 85, 70 _____

Plot Points on a Number Line

Builds on Grade 5 · 5.MD.B.2

TODAY'S LESSON	In problem 6 you draw a box plot for 12, 18, 24, 31, and 40 on a line.
YOU NEED TO	Place a value on a number line where not every tick is labeled. **You will use it in Practice Form A, problem 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find what one **tick** is worth.
2. Find the **label** just below the value.
3. **Count** ticks from that label to the value.

WATCH ME

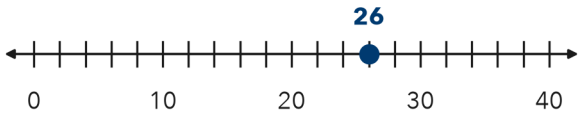
the steps in action

Plot 26.

Step 1 One tick is 2.

Step 2 20 is the label just below 26.

Step 3 26 − 20 = 6. Count 3 ticks past 20.



Answer **26 is 3 ticks past 20.**

TRY IT WITH HELP

fill in each step

4. Ticks are every 2. Labels are 10, 20, 30, 40. Where does 18 go?

Step 1 One tick is _____.

Step 2 The label just below 18 is _____.

Step 3 Count _____ ticks past 10.

5. Ticks are every 5. Labels are 0, 20, 40. Where does 35 go?

Step 1 One tick is _____.

Step 2 The label just below 35 is _____.

Step 3 Count _____ ticks past 20.

YOUR TURN

use the steps on your own

6. Ticks are every 2. Labels are 0, 10, 20, 30, 40. Write how many ticks past which label.

a. 6: _____ **b.** 14: _____ **c.** 22: _____

d. 28: _____ **e.** 38: _____ **f.** 12: _____

READY CHECK

a problem like the one in today's lesson

7. Ticks are every 4, starting at 0. What value is at the 5th tick after 0?

A 5 **B** 9 **C** 20 **D** 24

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____