Name_____ Date_____ Period_____

LESSON 2-3 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Find the Middle Position

Builds on Grade 5 · 5.OA.A.2

TODAY'S LESSON	Nine clubs give nine values. The median is the 5th value, with 4 on each side.
YOU NEED TO	Find which place in an ordered list is the middle. **You will use it in Practice Form A, problems 1 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Count** the values.
2. Subtract 1. Then **divide** by 2.
3. **Add 1**. That place is the middle.

WATCH ME

the steps in action

A list has 7 values. Which place is the middle?

Step 1 There are 7 values.

Step 2 7 − 1 = 6. 6 ÷ 2 = 3.

Step 3 3 + 1 = 4. The 4th value is the middle.

Answer **4th**

TRY IT WITH HELP

fill in each step

1. A list has 5 values. Which place is the middle?

Step 1 There are _____ values.

Step 2 5 − 1 = 4. 4 ÷ 2 = _____.

Step 3 2 + 1 = _____. The middle is the _____ value.

2. A list has 11 values. Which place is the middle?

Step 1 There are _____ values.

Step 2 11 − 1 = 10. 10 ÷ 2 = _____.

Step 3 5 + 1 = _____. The middle is the _____ value.

YOUR TURN

use the steps on your own

3. Find the middle place for each count.

a. 3 values: _____ **b.** 13 values: _____ **c.** 15 values: _____

d. 17 values: _____ **e.** 21 values: _____ **f.** 19 values: _____

Read Data From a Dot Plot

Builds on Lesson 2-1 Session 2 · 6.SP.B.4

TODAY'S LESSON	In problem 1 you order nine values. A dot plot shows data in order.
YOU NEED TO	Turn a dot plot into an ordered list: one value for each dot. **You will use it in Practice Form A, problem 1.**

STEPS TO FOLLOW

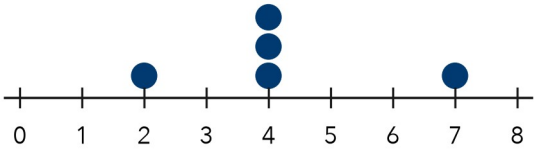
use these same steps on every problem

1. Start at the **left** end of the line.
2. Write the number once for **each** dot above it.
3. Move **right**. Check: one value per dot.

WATCH ME

the steps in action

List the values in this dot plot.



Step 1 Start at 2. It has 1 dot: 2.

Step 2 4 has 3 dots: 4, 4, 4.

Step 3 7 has 1 dot: 7. 5 dots, 5 values.

Answer **2, 4, 4, 4, 7**

TRY IT WITH HELP

fill in each step

4. A dot plot has 1 dot above 3, 2 dots above 5, and 1 dot above 6. List the values.

Step 1 Start at _____.

Step 2 Write 5 _____ times.

Step 3 List: _____. Count: _____ values.

5. A dot plot has 2 dots above 0, 1 dot above 2, and 3 dots above 4. List the values.

Step 1 Start at _____. Write it _____ times.

Step 2 Write 4 _____ times.

Step 3 List: _____. Count: _____ values.

YOUR TURN

use the steps on your own

6. Write the values for each dot plot.

a. 3 dots above 7: _____

b. 2 dots above 1, 1 above 4: _____

c. 1 dot above 5, 3 above 6: _____

d. 2 dots above 0, 2 above 9: _____

READY CHECK

a problem like the one in today's lesson

7. Dots: 1 above 2, 3 above 4, 1 above 7. What is the middle value?

A 2 **B** 3 **C** 4 **D** 7

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