Name_____ Date_____ Period_____

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

Order a Data Set

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	You will order nine club sizes, like 14, 9, 22, 17, …, to find the middle value.
YOU NEED TO	Write a list from least to greatest without losing any value. **You will use it in Practice Form A, problems 1 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **least** value. Write it first.
2. Cross it **off**. Find the next least.
3. Repeat. Then **count**: same number of values?

WATCH ME

the steps in action

Order 9, 4, 15, 6, 11.

Step 1 The least is 4. Write 4.

Step 2 Cross off 4. The next least is 6, then 9.

Step 3 Then 11 and 15. 5 values in, 5 out.

Answer **4, 6, 9, 11, 15**

TRY IT WITH HELP

fill in each step

1. Order 8, 3, 14, 5, 12.

Step 1 The least is _____.

Step 2 Next: _____, _____, _____.

Step 3 Last: _____. Count: _____ values.

2. Order 23, 8, 17, 30, 12.

Step 1 The least is _____.

Step 2 Next: _____, _____, _____.

Step 3 Last: _____. Count: _____ values.

YOUR TURN

use the steps on your own

3. Order from least to greatest.

a. 41, 14, 40, 4, 44 _____

b. 62, 58, 71, 59, 65 _____

c. 105, 98, 110, 101 _____

d. 27, 72, 22, 77, 20 _____

Count Values Above and Below

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	In problem 2 you will count how many homework times are above the median.
YOU NEED TO	Count how many values are above and below a number. **You will use it in Practice Form A, problem 2.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Order** the list from least to greatest.
2. Find the **target** number in the list.
3. Count values **above** it. Then count values below it.

WATCH ME

the steps in action

Scores: 12, 18, 9, 15, 21, 14, 17. How many are above 15? Below 15?

Step 1 In order: 9, 12, 14, 15, 17, 18, 21.

Step 2 15 is in the 4th place.

Step 3 Above: 17, 18, 21. Below: 9, 12, 14.

Answer **3 above and 3 below**

TRY IT WITH HELP

fill in each step

4. Values: 5, 2, 9, 7, 3. How many are above 5? Below 5?

Step 1 In order: _____.

Step 2 5 is in place number _____.

Step 3 Above: _____ values. Below: _____ values.

5. Values: 20, 35, 15, 25, 30. How many are above 30? Below 30?

Step 1 In order: _____.

Step 2 30 is in place number _____.

Step 3 Above: _____ value. Below: _____ values.

YOUR TURN

use the steps on your own

6. Use the list 16, 8, 21, 12, 25, 10, 18, 14, 23. Count the values.

a. Above 16: _____ **b.** Below 16: _____ **c.** Above 20: _____

d. Below 12: _____ **e.** Above 8: _____ **f.** Below 25: _____

READY CHECK

a problem like the one in today's lesson

7. Seven different values are in order. The 4th value is 30. How many values are above 30?

A 3 **B** 4 **C** 7 **D** 30

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