Name_____ Date_____ Period_____

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

Order Data With Repeats

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	You will order nine bottle counts, 2, 4, 1, 3, 2, 5, 2, 3, 2, before you plot them.
YOU NEED TO	Order a list from least to greatest and keep every repeated value. **You will use it in Practice Form A, problems 1 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **least** value. Write it each time it appears.
2. Cross **off** each value you write.
3. Repeat with the **next** value until all are crossed off.

WATCH ME

the steps in action

Order 5, 3, 6, 3, 4, 5, 3.

Step 1 The least is 3. It appears 3 times: 3, 3, 3.

Step 2 Cross off the three 3s.

Step 3 Next: 4. Then 5, 5. Then 6. All 7 values are used.

Answer **3, 3, 3, 4, 5, 5, 6**

TRY IT WITH HELP

fill in each step

1. Order 4, 1, 3, 1, 2.

Step 1 The least is _____. It appears _____ times.

Step 2 Cross off the _____s.

Step 3 Next: 2, 3, 4. In order: _____

2. Order 6, 8, 6, 7, 9, 6.

Step 1 The least is _____. It appears _____ times.

Step 2 Cross off the _____s.

Step 3 Next: 7, 8, 9. In order: _____

YOUR TURN

use the steps on your own

3. Order from least to greatest. Keep repeats.

a. 5, 2, 4, 2, 3 _____

b. 9, 7, 9, 8, 7, 9 _____

c. 0, 3, 1, 3, 2, 3, 1 _____

d. 12, 10, 11, 12, 10, 12 _____

Make a Frequency Table

Builds on Grade 3 · 3.MD.B.3

TODAY'S LESSON	Before you stack dots for 1, 3, 2, 3, 4, 3, 2, 5, 3, 2, count how many times each value appears.
YOU NEED TO	Make a frequency table: count each value, then check the total. **You will use it in Practice Form A, problems 4 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. List each **different** value once.
2. **Tally** each value as you read the list.
3. **Add** the counts. The total must match the list.

WATCH ME

the steps in action

Make a frequency table for 3, 1, 2, 3, 3, 2.

Step 1 The values are 1, 2, and 3.

Step 2 1 appears 1 time. 2 appears 2 times. 3 appears 3 times.

Step 3 1 + 2 + 3 = 6. The list has 6 values.

Answer 1: 1 time 2: 2 times 3: 3 times

TRY IT WITH HELP

fill in each step

4. Make a frequency table for 4, 6, 5, 4, 4, 6.

Step 1 The values are _____.

Step 2 4: _____ times. 5: _____ time. 6: _____ times.

Step 3 Total: _____ values.

5. Make a frequency table for 2, 1, 2, 3, 2, 1, 2.

Step 1 The values are _____.

Step 2 1: _____ times. 2: _____ times. 3: _____ time.

Step 3 Total: _____ values.

YOUR TURN

use the steps on your own

6. Use the data 4, 6, 5, 4, 7, 4, 6, 5, 4, 8. How many times does each value appear?

a. 4: _____ **b.** 5: _____ **c.** 6: _____

d. 7: _____ **e.** 8: _____ **f.** Total: _____

READY CHECK

a problem like the one in today's lesson

7. A dot plot has stacks of 2, 5, 4, and 1 dots. How many values does it show?

A 4 **B** 5 **C** 12 **D** 10

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