Name_____ Date_____ Period_____

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

Sort Values Into Intervals

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	You will sort values like 12, 25, and 8 into the intervals 0–9, 10–19, and 20–29.
YOU NEED TO	Put each value into the one interval that holds it. **You will use it in Practice Form A, problems 1 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1 Look at the **tens** digit of the value.

2 Find the interval that **starts** with those tens.

3 Check: the value is **between** the two ends.

WATCH ME

the steps in action

Which interval holds 29: 20–29 or 30–39?

Step 1 The tens digit is 2.

Step 2 20–29 starts with 2 tens.

Step 3 29 is between 20 and 29. It fits.

Answer **20–29**

TRY IT WITH HELP

fill in each step

1. Which interval holds 17: 0–9, 10–19, or 20–29?

Step 1 The tens digit is _____.

Step 2 The interval is _____.

Step 3 17 is between _____ and _____.

2. Which interval holds 30: 20–29 or 30–39?

Step 1 The tens digit is _____.

Step 2 The interval is _____.

Step 3 30 is between _____ and _____.

YOUR TURN

use the steps on your own

3. Use the intervals 0–9, 10–19, 20–29, 30–39. Write the interval for each value.

a. 17: _____ **b.** 30: _____ **c.** 9: _____

d. 25: _____ **e.** 10: _____ **f.** 39: _____

Make Equal Intervals

Builds on Grade 4 · 4.OA.C.5

TODAY'S LESSON	Test scores run from 51 to 98. You will write equal intervals of width 10.
YOU NEED TO	Start at a multiple of 10 and count by 10s until the data are covered. **You will use it in Practice Form A, problem 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Start at the multiple of 10 at or **below** the least value.
2. **Count by** 10s to start each new interval.
3. **Stop** when an interval holds the greatest value.

WATCH ME

the steps in action

Data run from 23 to 61. Write intervals of width 10.

Step 1 20 is at or below 23. Start at 20.
Step 2 Starts: 20, 30, 40, 50, 60.
Step 3 60–69 holds 61. Stop.
Answer **20–29, 30–39, 40–49, 50–59, 60–69**

TRY IT WITH HELP

fill in each step

4. Data run from 12 to 38. Write intervals of width 10.

Step 1 Start at _____.
Step 2 Starts: 10, _____, _____.
Step 3 The last interval is _____.

5. Data run from 44 to 71. Write intervals of width 10.

Step 1 Start at _____.
Step 2 Starts: 40, _____, _____, _____.
Step 3 The last interval is _____.

YOUR TURN

use the steps on your own

6. Write the first and the last interval of width 10.

a. 15 to 42: _____
b. 31 to 58: _____
c. 6 to 27: _____
d. 50 to 93: _____

READY CHECK

a problem like the one in today's lesson

7. Data run from 62 to 97. Which intervals of width 10 cover all the data?

A 60–69, 70–79, 80–89
B 62–71, 72–81, 82–91
C 60–69, 70–79, 80–89, 90–99
D 70–79, 80–89, 90–99

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