Name_____ Date_____ Period_____

LESSON 8-5 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Compare Decimals

Builds on Grade 5 · 5.NBT.A.3b

TODAY'S LESSON	You will test values like 9.5 in $w < 12$.
YOU NEED TO	Tell which decimal is greater, like $1.95 < 2$. **You will use it in Practice Form A, problem 1.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Line up** the points. Add zeros so the digits match.
2. Compare digits **from the left**, place by place.
3. The first **different** digit decides. Write <, >, or =.

WATCH ME

the steps in action

2.05 ___ 2.5

Step 1 Write 2.05 and 2.50.

Step 2 Ones match. Tenths: 0 and 5.

Step 3 0 is less than 5, so $2.05 < 2.5$.

Answer **$2.05 < 2.5$**

TRY IT WITH HELP

fill in each step

1. 1.95 ___ 2

Step 1 Write 1.95 and _____.

Step 2 Compare ones: _____ and 2.

Step 3 1.95 _____ 2

2. 24.8 ___ 24.75

Step 1 Write 24.80 and _____.

Step 2 Tens and ones match. Compare tenths: _____ and 7.

Step 3 24.8 _____ 24.75

YOUR TURN

use the steps on your own

3. Write <, >, or =.

a. 3.10 _____ 3.1

b. 7.09 _____ 7.1

c. 0.6 _____ 0.58

d. 12 _____ 11.99

e. 9.5 _____ 12

f. 150.5 _____ 150

Check Comparison Statements

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	You will test 45 in $n > 45$ and decide if it is a solution.
YOU NEED TO	Decide if a statement like $45 > 45$ is true or false. **You will use it in Practice Form A, problems 3, 5, and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Read** the symbol in words, like "is greater than."
2. **Compare** the two numbers. Are they equal?
3. Decide **true** or false. Equal numbers make only ≤ and ≥ true.

WATCH ME

the steps in action

Is 45 > 45 true or false?

Step 1 > means "is greater than."

Step 2 45 and 45 are equal.

Step 3 Equal is not greater, so it is false.

Answer **45 > 45 is false.**

TRY IT WITH HELP

fill in each step

4. Is 45 ≥ 45 true or false?

Step 1 ≥ means "is greater than or _____ to."

Step 2 45 and 45 are _____.

Step 3 45 ≥ 45 is _____.

5. Is 19 < 25 true or false?

Step 1 < means "is _____ than."

Step 2 19 is _____ than 25.

Step 3 19 < 25 is _____.

YOUR TURN

use the steps on your own

6. Write true or false.

a. 52 > 45 _____ **b.** 25 < 25 _____ **c.** 30 ≤ 29 _____

d. 400 ≤ 400 _____ **e.** 7 ≥ 7 _____ **f.** 15 > 15 _____

READY CHECK

a problem like the one in today's lesson

7. A ramp is for riders older than 15: $a > 15$. Is 15 a solution?

A Yes, because 15 = 15

B No, because 15 > 15 is false

C Yes, because 15 > 15 is true

D No, because 15 < 15 is true

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