Name_____ Date_____ Period_____

LESSON 7-3 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Compare Decimals

Builds on Grade 5 · 5.NBT.A.3b

TODAY'S LESSON	You will find which beaker reading is closest to 0, like 0.5 or 2.5.
YOU NEED TO	Compare two decimals, like 3.5 and 4.25. **You will use it in Practice Form A, problem 2.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Line up** the decimal points. Add zeros so the digits match.
2. Compare the **whole numbers** first.
3. If they match, compare **tenths**, then hundredths.

WATCH ME

the steps in action

Compare 7.5 and 7.25.

Step 1 Line up: 7.50 and 7.25.

Step 2 Wholes: 7 = 7. They match.

Step 3 Tenths: 5 > 2. So 7.5 > 7.25.

Answer **7.5 > 7.25**

TRY IT WITH HELP

fill in each step

1. Compare 3.5 and 4.25.

Step 1 Line up: 3.50 and _____.

Step 2 Wholes: 3 _____ 4.

Step 3 So 3.5 _____ 4.25.

2. Compare 0.5 and 0.45.

Step 1 Line up: 0.50 and _____.

Step 2 Wholes match. Tenths: 5 _____ 4.

Step 3 So 0.5 _____ 0.45.

YOUR TURN

use the steps on your own

3. Write <, >, or =.

a. 9.6 ___ 11 _____

b. 12.5 ___ 12.50 _____

c. 2.75 ___ 2.8 _____

d. 5.2 ___ 5.02 _____

e. 8.5 ___ 8.49 _____

f. 2.5 ___ 0.5 _____

Decimals on a Number Line

Builds on Grade 4 · 4.NF.C.6

TODAY'S LESSON	You will plot −6, 2.5, −0.5, and 8 and mark each distance to 0.
YOU NEED TO	Read a number line scale to name a point like 3.5. **You will use it in Practice Form A, problem 2.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **jump size** between tick marks.
2. Start at the **labeled number** just before the point.
3. **Add** one jump for each tick you pass.

WATCH ME

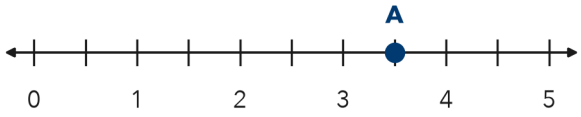
the steps in action

What number is at point A?

Step 1 Each whole has 2 jumps, so each jump is 0.5.

Step 2 Start at 3.

Step 3 1 jump: 3 + 0.5 = 3.5.



Answer **A = 3.5. It is 3.5 units from 0.**

TRY IT WITH HELP

fill in each step

4. Each whole has 2 jumps. Point B is 1 jump past 2. What number is B?

Step 1 Each jump is _____.

Step 2 Start at _____.

Step 3 1 jump: B = _____.

5. Each whole is split into 4 jumps. Point C is 3 jumps past 1. What number is C?

Step 1 Each jump is _____.

Step 2 Start at _____.

Step 3 3 jumps: C = _____.

YOUR TURN

use the steps on your own

6. Each jump is 0.5. Start at the number. Make the jumps. Where do you land?

a. 2, 1 jump _____ **b.** 7, 1 jump _____ **c.** 0, 3 jumps _____

d. 4, 2 jumps _____ **e.** 5, 3 jumps _____ **f.** 8, 1 jump _____

READY CHECK

a problem like the one in today's lesson

7. Beakers read 2.5, 0.5, 6, and 8 degrees. Which reading is closest to 0?

A 2.5 **B** 0.5 **C** 6 **D** 8

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