Name_____ Date_____ Period_____

LESSON 4-2 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Compare Decimals

Builds on Grade 5

TODAY'S LESSON	You will order values like 0.76, 18/25, and 79%.
YOU NEED TO	Compare decimals like 0.4 and 0.39 place by place. **You will use it in Practice, problems 1, 3, and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. Line up the **decimal points**.
2. Add **zeros** so both numbers have two digits after the point.
3. Compare from the **left**. The first bigger digit wins.

WATCH ME

the steps in action

Compare 0.7 and 0.65.

Step 1 Line up 0.7 over 0.65.

Step 2 Add a zero: 0.70 and 0.65.

Step 3 Tenths: 7 > 6. So 0.7 > 0.65.

Answer **0.7 > 0.65**

TRY IT WITH HELP

fill in each step

1. Compare 0.5 and 0.48.

Step 1 Line up 0.5 over 0.48. Digits after each point: _____ and _____.

Step 2 Add a zero: 0.5 = _____.

Step 3 Tenths: _____ and _____, so 0.5 _____ 0.48.

2. Compare 0.36 and 0.4.

Step 1 Line up 0.36 over 0.4. Digits after each point: _____ and _____.

Step 2 Add a zero: 0.4 = _____.

Step 3 Tenths: _____ and _____, so 0.36 _____ 0.4.

YOUR TURN

use the steps on your own

3. Write <, >, or = in each blank.

a. 0.6 ___ 0.58

b. 0.3 ___ 0.30

c. 0.09 ___ 0.1

d. 0.72 ___ 0.8

e. 0.25 ___ 0.2

f. 0.9 ___ 0.89

Write Fractions as Decimals

Builds on Grade 5

TODAY'S LESSON	You will write 18/25 as a decimal to compare it with 0.76 and 79%.
YOU NEED TO	Write a fraction like 3/20 as a decimal by scaling to hundredths. **You will use it in Practice, problems 2, 3, 4, and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find what number times the **bottom** makes 100.
2. Multiply the **top and bottom** by that number.
3. Write the hundredths as a **decimal**.

WATCH ME

the steps in action

Write 7/25 as a decimal.

Step 1 25 × 4 = 100.

Step 2 7 × 4 = 28, so 7/25 = 28/100.

Step 3 28/100 = 0.28.

Answer **0.28**

TRY IT WITH HELP

fill in each step

4. Write 3/20 as a decimal.

Step 1 20 × _____ = 100

Step 2 3 × _____ = _____, so 3/20 = _____/100.

Step 3 Decimal: _____

5. Write 4/5 as a decimal.

Step 1 5 × _____ = 100

Step 2 4 × _____ = _____, so 4/5 = _____/100.

Step 3 Decimal: _____

YOUR TURN

use the steps on your own

6. Write each fraction as a decimal.

a. 1/4 = _____ **b.** 9/50 = _____ **c.** 3/10 = _____

d. 11/20 = _____ **e.** 2/25 = _____ **f.** 3/5 = _____

READY CHECK

a problem like the one in today's lesson

7. Which is greatest: 0.7, 18/25, or 69%?

A 0.7 **B** 18/25

C 69% **D** They are all equal.

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