Name_____ Date_____ Period_____

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

Fractions, Decimals, and Percents

Builds on Lesson 4-2 Session 1

TODAY'S LESSON	You will write 0.76, 18/25, and 79% all as percents.
YOU NEED TO	Write a decimal or a fraction as a percent, like 0.9 = 90%. **You will use it in Practice, problems 2, 3, and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1 Decimal: add zeros to get **two digits** after the point.

2 Fraction: multiply top and bottom to get **100** on the bottom.

3 The number of **hundredths** is the percent.

WATCH ME

the steps in action

Write 0.3 and 7/20 as percents.

Step 1 0.3 = 0.30.

Step 2 7/20 = 35/100 (multiply by 5).

Step 3 0.30 is 30 hundredths: 30%. 35/100 is 35%.

Answer **0.3 = 30% and 7/20 = 35%**

TRY IT WITH HELP

fill in each step

1. Write 0.9 and 4/5 as percents.

Step 1 0.9 = 0._____

Step 2 4/5 = _____/100

Step 3 So 0.9 = _____% and 4/5 = _____%.

2. Write 0.07 and 18/25 as percents.

Step 1 0.07 has two digits: _____ hundredths.

Step 2 18/25 = _____/100

Step 3 So 0.07 = _____% and 18/25 = _____%.

YOUR TURN

use the steps on your own

3. Write each value as a percent.

a. 0.4 = ___ %

b. 3/4 = ___ %

c. 0.15 = ___ %

d. 9/20 = ___ %

e. 0.02 = ___ %

f. 7/10 = ___ %

Benchmark Fraction Equivalents

Builds on Grade 5

TODAY'S LESSON	You will decide if 2/5 or 0.45 is greater.
YOU NEED TO	Know common fractions as percents, like 2/5 = 40%. **You will use it in Practice, problems 1 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Know the **unit** percent: 1/4 = 25%, 1/5 = 20%, 1/10 = 10%.
2. Look at the **top number**. It tells how many units.
3. **Multiply** the unit percent by the top number.

WATCH ME

the steps in action

Write 3/4 as a percent.

Step 1 1/4 = 25%.

Step 2 The top number is 3.

Step 3 3 × 25% = 75%.

Answer **3/4 = 75%**

TRY IT WITH HELP

fill in each step

4. Write 2/5 as a percent.

Step 1 1/5 = _____%

Step 2 The top number is _____.

Step 3 _____ × _____% = _____%

5. Write 7/10 as a percent.

Step 1 1/10 = _____%

Step 2 The top number is _____.

Step 3 _____ × _____% = _____%

YOUR TURN

use the steps on your own

6. Write each fraction as a percent.

a. 4/5 = ___ %

b. 1/4 = ___ %

c. 3/10 = ___ %

d. 3/5 = ___ %

e. 9/10 = ___ %

f. 2/4 = ___ %

READY CHECK

a problem like the one in today's lesson

7. Which is greater, 3/5 or 58%?

A 58%, because 58 is more than 3 and 5

B 3/5, because 3/5 = 60%

C They are equal.

D 58%, because 3/5 = 35%

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