Name_____ Date_____ Period_____

LESSON 6-1 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Simplify Fractions

Builds on Grade 4 · 4.NF.A.1

TODAY'S LESSON	You will find 8/9 ÷ 2 = 8/18. Then you write 8/18 in simplest form, 4/9.
YOU NEED TO	Write a fraction like 6/24 in simplest form. **You will use it in Practice Form A, problems 1 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find a **number** that divides the top and the bottom.
2. **Divide** the top and the bottom by it.
3. **Repeat** until only 1 divides both.

WATCH ME

the steps in action

Write 6/24 in simplest form.

Step 1 6 and 24 can both be divided by 6.

Step 2 6 ÷ 6 = 1 and 24 ÷ 6 = 4.

Step 3 Only 1 divides 1 and 4. Stop.

Answer **1/4**

TRY IT WITH HELP

fill in each step

1. Write 4/10 in simplest form.

Step 1 4 and 10 can both be divided by _____.

Step 2 4 ÷ 2 = _____ and 10 ÷ 2 = _____

Step 3 Only 1 divides both. The answer is _____/_____.

2. Write 8/12 in simplest form.

Step 1 8 and 12 can both be divided by _____.

Step 2 8 ÷ 4 = _____ and 12 ÷ 4 = _____

Step 3 Only 1 divides both. The answer is _____/_____.

YOUR TURN

use the steps on your own

3. Write each fraction in simplest form.

a. 3/9 = _____ **b.** 5/40 = _____ **c.** 6/8 = _____

d. 10/15 = _____ **e.** 4/16 = _____ **f.** 9/12 = _____

Multiply by a Unit Fraction

Builds on Grade 5 · 5.NF.B.4a

TODAY'S LESSON	You will change 3/5 ÷ 10 into 3/5 × 1/10.
YOU NEED TO	Multiply a fraction by a unit fraction, like 3/5 × 1/10. **You will use it in Practice Form A, problems 1 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. Multiply the **tops**.
2. Multiply the **bottoms**.
3. **Simplify** if you can.

WATCH ME

the steps in action

Find 3/5 × 1/10.

Step 1 3 × 1 = 3.

Step 2 5 × 10 = 50.

Step 3 3/50 is already in simplest form.

Answer **3/50**

TRY IT WITH HELP

fill in each step

4. Find 2/3 × 1/4.

Step 1 2 × 1 = _____

Step 2 3 × 4 = _____

Step 3 2/12 = _____/_____

5. Find 4/5 × 1/2.

Step 1 4 × 1 = _____

Step 2 5 × 2 = _____

Step 3 4/10 = _____/_____

YOUR TURN

use the steps on your own

6. Multiply. Write each answer in simplest form.

a. 1/3 × 1/2 = _____ **b.** 3/4 × 1/5 = _____ **c.** 5/6 × 1/10 = _____

d. 2/7 × 1/2 = _____ **e.** 7/10 × 1/7 = _____ **f.** 3/8 × 1/3 = _____

READY CHECK

a problem like the one in today's lesson

7. Which is the same as 3/4 ÷ 4?

A 3/4 × 4 **B** 3/4 × 1/4 **C** 4/3 × 4 **D** 4 ÷ 3/4

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