Name_____ Date_____ Period_____

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

Multiply a Fraction by a Whole

Builds on Grade 5 · 5.NF.B.4a

TODAY'S LESSON	You will find 5/6 ÷ 1/18. After you flip, it becomes 5/6 × 18.
YOU NEED TO	Multiply a fraction by a whole number, like 3/4 × 12. **You will use it in Practice Form A, problems 4 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1 Write the whole number **over 1**.

2 **Multiply** the tops. Multiply the bottoms.

3 **Simplify**. Divide the top by the bottom.

WATCH ME

the steps in action

Find 3/4 × 12.

Step 1 12 = 12/1.

Step 2 3/4 × 12/1 = 36/4.

Step 3 36 ÷ 4 = 9.

Answer **9**

TRY IT WITH HELP

fill in each step

1. Find 2/3 × 9.

Step 1 9 = _____/1

Step 2 2/3 × 9/1 = _____/3

Step 3 _____ ÷ 3 = _____

2. Find 5/6 × 18.

Step 1 18 = _____/1

Step 2 5/6 × 18/1 = _____/6

Step 3 _____ ÷ 6 = _____

YOUR TURN

use the steps on your own

3. Multiply. Simplify your answer.

a. 1/2 × 10 = _____

b. 3/4 × 8 = _____

c. 2/5 × 10 = _____

d. 7/8 × 16 = _____

e. 5/6 × 12 = _____

f. 3/10 × 20 = _____

Write Equivalent Fractions

Builds on Grade 4 · 4.NF.A.1

TODAY'S LESSON	You will find 2/3 ÷ 4/9. With the same bottom numbers, it is 6/9 ÷ 4/9.
YOU NEED TO	Rewrite a fraction with a new bottom number, like 2/3 = 6/9. **You will use it in Practice Form A, problem 1.**

STEPS TO FOLLOW

use these same steps on every problem

1. Ask: what times the old bottom gives the **new bottom**?
2. **Multiply** the top by that same number.
3. **Write** the new fraction.

WATCH ME

the steps in action

Write 2/3 with a bottom of 9.

Step 1 3 × 3 = 9.

Step 2 2 × 3 = 6.

Step 3 2/3 = 6/9.

Answer 6/9

TRY IT WITH HELP

fill in each step

4. Write 3/4 with a bottom of 12.

Step 1 4 × _____ = 12

Step 2 3 × 3 = _____

Step 3 3/4 = _____/12

5. Write 5/6 with a bottom of 18.

Step 1 6 × _____ = 18

Step 2 5 × 3 = _____

Step 3 5/6 = _____/18

YOUR TURN

use the steps on your own

6. Fill in the missing top number.

a. 1/2 = □/8 _____ **b.** 2/5 = □/10 _____ **c.** 1/3 = □/6 _____

d. 3/4 = □/8 _____ **e.** 2/3 = □/12 _____ **f.** 5/6 = □/12 _____

READY CHECK

a problem like the one in today's lesson

7. Which shows 2/3 ÷ 4/9 with the same bottom numbers?

A 2/9 ÷ 4/9 **B** 6/9 ÷ 4/9 **C** 4/9 ÷ 6/9 **D** 6/12 ÷ 4/12

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