Name_____ Date_____ Period_____

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

Find a Missing Factor

Builds on Grade 3 · 3.OA.A.4

TODAY'S LESSON	You will find missing numbers in ratio tables, like 4 × ___ = 20.
YOU NEED TO	Find a missing factor, like 5 × ___ = 40. **You will use it in Practice Form A, problems 1 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **product**. It is the number after the = sign.
2. **Divide** the product by the factor you know.
3. **Check**: multiply the two factors.

WATCH ME

the steps in action

Find the missing factor: ___ × 6 = 42.

Step 1 The product is 42.

Step 2 Divide: 42 ÷ 6 = 7.

Step 3 Check: 7 × 6 = 42. It works.

Answer 7

TRY IT WITH HELP

fill in each step

1. Find the missing factor: 5 × ___ = 35.

Step 1 The product is _____.

Step 2 Divide: 35 ÷ 5 = _____.

Step 3 Check: 5 × _____ = 35.

2. Find the missing factor: ___ × 4 = 36.

Step 1 The product is _____.

Step 2 Divide: 36 ÷ 4 = _____.

Step 3 Check: _____ × 4 = 36.

YOUR TURN

use the steps on your own

3. Find each missing factor.

a. 8 × ___ = 48

b. ___ × 7 = 56

c. 3 × ___ = 27

d. ___ × 9 = 72

e. 6 × ___ = 54

f. 12 × ___ = 84

Multiply Decimals by Whole Numbers

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	You will scale 13.5 miles in 1.5 hours up to 4.5 hours.
YOU NEED TO	Multiply a decimal by a whole number, like 13.5 × 3. **You will use it in Practice Form A, problems 7 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Break** the decimal into a whole number and a decimal part.
2. **Multiply** each part by the whole number.
3. **Add** the two products.

WATCH ME

the steps in action

Find 4.5 × 3.

Step 1 Break: 4.5 = 4 + 0.5.

Step 2 Multiply: 4 × 3 = 12 and 0.5 × 3 = 1.5.

Step 3 Add: 12 + 1.5 = 13.5.

Answer 13.5

TRY IT WITH HELP

fill in each step

4. Find 2.5 × 4.

Step 1 Break: 2.5 = _____ + 0.5.

Step 2 Multiply: 2 × 4 = _____ and 0.5 × 4 = _____.

Step 3 Add: 8 + 2 = _____.

5. Find 1.5 × 6.

Step 1 Break: 1.5 = _____ + 0.5.

Step 2 Multiply: 1 × 6 = _____ and 0.5 × 6 = _____.

Step 3 Add: 6 + 3 = _____.

YOUR TURN

use the steps on your own

6. Multiply.

a. 0.5 × 8 = _____ **b.** 3.5 × 2 = _____ **c.** 2.5 × 3 = _____

d. 1.5 × 4 = _____ **e.** 4.5 × 2 = _____ **f.** 6.5 × 2 = _____

READY CHECK

a problem like the one in today's lesson

7. A cyclist rides 4.5 miles each hour. How far does she ride in 3 hours?

A 12.5 miles **B** 13.5 miles **C** 7.5 miles **D** 135 miles

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