Name_____ Date_____ Period_____

LESSON 2-7 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Write Equivalent Decimals

Builds on Grade 5 · 5.NBT.A.3

TODAY'S LESSON	Marisol has 2 tenths left over in 23.4 ÷ 8. She writes 23.4 as 23.40 and keeps dividing.
YOU NEED TO	Write zeros after the last decimal digit, like 2.3 = 2.30 = 2.300. **You will use it in Practice Form A, problem 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **last digit** after the decimal point.
2. **Write** a zero after it.
3. **Check**: the value stays the same.

WATCH ME

the steps in action

Write 23.4 with hundredths.

Step 1 The last digit is 4 tenths.

Step 2 Write a zero: 23.40.

Step 3 4 tenths = 40 hundredths. The value is the same.

Answer **23.4 = 23.40**

TRY IT WITH HELP

fill in each step

1. Write 0.2 with hundredths.

Step 1 The last digit is _____ tenths.

Step 2 Write a zero: _____

Step 3 2 tenths = _____ hundredths.

2. Write 7.5 with hundredths.

Step 1 The last digit is _____ tenths.

Step 2 Write a zero: _____

Step 3 5 tenths = _____ hundredths.

YOUR TURN

use the steps on your own

3. Write each number with hundredths.

a. 3.6 _____ **b.** 0.8 _____ **c.** 12.1 _____

d. 5 _____ **e.** 0.5 _____ **f.** 9.9 _____

Multiply Decimals by Whole Numbers

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	Trey's answer to \$91.20 ÷ 16 can be checked by multiplying the answer by 16.
YOU NEED TO	Multiply a decimal by a whole number, like 4.2 × 12. **You will use it in Practice Form A, problems 5 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Ignore** the decimal point. Multiply the whole numbers.
2. **Count** the decimal places in the decimal.
3. Place the **point** so the answer has that many places.

WATCH ME

the steps in action

Find 4.2 × 12.

Step 1 42 × 12 = 504.

Step 2 4.2 has 1 decimal place.

Step 3 50.4.

Answer **50.4**

TRY IT WITH HELP

fill in each step

4. Find 3.5 × 6.

Step 1 35 × 6 = _____

Step 2 3.5 has _____ decimal place.

Step 3 3.5 × 6 = _____

5. Find 1.25 × 4.

Step 1 125 × 4 = _____

Step 2 1.25 has _____ decimal places.

Step 3 1.25 × 4 = _____

YOUR TURN

use the steps on your own

6. Multiply.

a. 2.4 × 3 = _____ **b.** 0.6 × 8 = _____ **c.** 1.5 × 4 = _____

d. 12.4 × 6 = _____ **e.** 5.7 × 16 = _____ **f.** 3.25 × 2 = _____

READY CHECK

a problem like the one in today's lesson

7. Which multiplication checks that 74.4 ÷ 6 = 12.4?

A 12.4 × 6 = 74.4 **B** 12.4 × 74.4 = 6 **C** 6 × 74.4 = 12.4 **D** 12.4 + 6 = 74.4

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