Name_____ Date_____ Period_____

LESSON 3-7 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Multiply Whole Numbers by Decimals

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	You will change 20 kg to pounds: 20 × 2.2.
YOU NEED TO	Multiply a whole number by a decimal, like 7 × 3.28 = 22.96. **You will use it in Practice Form A, problems 1 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Multiply** as if there were no decimal point.
2. **Count** the decimal places in the decimal.
3. **Place** the point that many places from the right.

WATCH ME

the steps in action

Find 7 × 3.28.

Step 1 7 × 328 = 2,296.

Step 2 3.28 has 2 decimal places.

Step 3 Place the point 2 places from the right: 22.96.

Answer **22.96**

TRY IT WITH HELP

fill in each step

1. Find 4 × 1.6.

Step 1 4 × 16 = _____.

Step 2 1.6 has _____ decimal place.

Step 3 Place the point: 4 × 1.6 = _____.

2. Find 3 × 2.54.

Step 1 3 × 254 = _____.

Step 2 2.54 has _____ decimal places.

Step 3 Place the point: 3 × 2.54 = _____.

YOUR TURN

use the steps on your own

3. Multiply.

a. 3 × 2.2 = _____ **b.** 5 × 1.2 = _____ **c.** 8 × 2.5 = _____

d. 2 × 3.28 = _____ **e.** 6 × 0.3 = _____ **f.** 9 × 1.6 = _____

Round Decimals

Builds on Grade 5 · 5.NBT.A.4

TODAY'S LESSON	You will round a bottle's size to the nearest whole milliliter.
YOU NEED TO	Round a decimal, like 22.96 to the nearest whole number, 23. **You will use it in Practice Form A, problem 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the digit in the place you **round to**.
2. **Look** at the digit just to its right.
3. 5 or more: **round up**. Less than 5: keep the digit.

WATCH ME

the steps in action

Round 22.96 to the nearest whole number.

Step 1 The ones digit is 2.

Step 2 The digit to its right is 9.

Step 3 9 is 5 or more. Round up to 23.

Answer 23

TRY IT WITH HELP

fill in each step

4. Round 14.38 to the nearest whole number.

Step 1 The ones digit is _____.

Step 2 The digit to its right is _____.

Step 3 Round to _____.

5. Round 7.5 to the nearest whole number.

Step 1 The ones digit is _____.

Step 2 The digit to its right is _____.

Step 3 Round to _____.

YOUR TURN

use the steps on your own

6. Round to the nearest whole number.

a. 5.63 _____ **b.** 3.28 _____ **c.** 15.83 _____

d. 22.5 _____ **e.** 9.49 _____ **f.** 44.71 _____

READY CHECK

a problem like the one in today's lesson

7. What is 62.5 rounded to the nearest whole number?

A 62 **B** 63 **C** 60 **D** 62.6

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