Name_____ Date_____ Period_____

LESSON 4-1 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Times as Much

Builds on Grade 4

TODAY'S LESSON	You will write amounts like 2.5 times as much as a percent.
YOU NEED TO	Find how many times as much, like 40 is 2.5 times 16. **You will use it in Practice, problems 1 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **whole**: the amount you compare to.
2. **Divide**: new amount ÷ whole.
3. **Write**: the new amount is ___ times the whole.

WATCH ME

the steps in action

A shelf held 16 books. Now it holds 40. How many times as many books is that?

Step 1 The whole is 16.

Step 2 40 ÷ 16 = 2.5.

Step 3 40 is 2.5 times 16.

Answer **2.5 times as many**

TRY IT WITH HELP

fill in each step

1. A plant was 12 cm. Now it is 36 cm. How many times as tall?

Step 1 The whole is _____.

Step 2 36 ÷ _____ = _____.

Step 3 36 is _____ times _____.

2. Ty read 30 pages Monday and 45 pages Tuesday. Compare Tuesday to Monday.

Step 1 The whole is _____.

Step 2 45 ÷ _____ = _____.

Step 3 45 is _____ times _____.

YOUR TURN

use the steps on your own

3. Fill in each blank.

a. 50 is ___ times 20.

b. 60 is ___ times 15.

c. 70 is ___ times 35.

d. 90 is ___ times 60.

e. 24 is ___ times 20.

f. 35 is ___ times 10.

Multiply and Divide by 10, 100

Builds on Grade 5

TODAY'S LESSON	You will turn times-as-much numbers into percents by multiplying by 100.
YOU NEED TO	Multiply a decimal by 100, like 1.75 × 100 = 175. **You will use it in Practice, problem 1.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the decimal point. In 3, it is after the 3.
2. Move the point **two places** to the right.
3. Fill any empty places with **zeros**.

WATCH ME

the steps in action

Find 1.75 × 100.

Step 1 The point is after the 1.

Step 2 Move two places right: 175.

Step 3 No empty places. 1.75 × 100 = 175.

Answer **175**

TRY IT WITH HELP

fill in each step

4. Find 2.5 × 100.

Step 1 The point is after the _____.

Step 2 Move two places right: 2.5 becomes 25_. Count the empty places: _____.

Step 3 Fill the empty place with 0: 2.5 × 100 = _____.

5. Find 1.45 × 100.

Step 1 The point is after the _____.

Step 2 Move two places right: _____.

Step 3 No empty places: 1.45 × 100 = _____.

YOUR TURN

use the steps on your own

6. Multiply.

a. 3 × 100 = _____ **b.** 2.25 × 100 = _____ **c.** 0.6 × 100 = _____

d. 4.5 × 100 = _____ **e.** 1.05 × 100 = _____ **f.** 2.75 × 100 = _____

READY CHECK

a problem like the one in today's lesson

7. What is 1.4 × 100?

A 14 **B** 1.400 **C** 140 **D** 1,400

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