Name_____ Date_____ Period_____

LESSON 3-5 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Multiply Decimals by Whole Numbers

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	You will find the cost of 12 bags when 6 bags cost $13.20.
YOU NEED TO	Multiply a money amount by a whole number, like $13.20 × 2. **You will use it in Practice Form A, problem 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Break** the amount into dollars and cents.
2. **Multiply** each part by the whole number.
3. **Add** the two products.

WATCH ME

the steps in action

Find $4.25 × 3.

Step 1 $4.25 = $4 + $0.25.

Step 2 $4 × 3 = $12 and $0.25 × 3 = $0.75.

Step 3 $12 + $0.75 = $12.75.

Answer **$12.75**

TRY IT WITH HELP

fill in each step

1. Find $2.50 × 4.

Step 1 $2.50 = $_____ + $0.50.

Step 2 $2 × 4 = $_____ and $0.50 × 4 = $_____.

Step 3 $8 + $2 = $_____.

2. Find $1.20 × 5.

Step 1 $1.20 = $_____ + $0.20.

Step 2 $1 × 5 = $_____ and $0.20 × 5 = $_____.

Step 3 $5 + $1 = $_____.

YOUR TURN

use the steps on your own

3. Multiply.

a. $3.50 × 2 = _____

b. $2.25 × 4 = _____

c. $1.60 × 5 = _____

d. $4.10 × 3 = _____

Find the Least Common Multiple

Builds on Grade 6 · 6.NS.B.4

TODAY'S LESSON	You will use a 24-lb benchmark that both 6 lb and 8 lb reach.
YOU NEED TO	Find the LCM of two numbers, like 24 for 6 and 8. **You will use it in Practice Form A, problems 4 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Count by** the larger number.
2. **Stop** at the first number the smaller one divides.
3. **Check**: the LCM ÷ each number is a whole number.

WATCH ME

the steps in action

Find the LCM of 6 and 8.

Step 1 Count by 8: 8, 16, 24.

Step 2 6 divides 24. The LCM is 24.

Step 3 Check: 24 ÷ 8 = 3 and 24 ÷ 6 = 4.

Answer **24**

TRY IT WITH HELP

fill in each step

4. Find the LCM of 4 and 6.

Step 1 Count by 6: 6, _____.

Step 2 4 divides _____. The LCM is _____.

Step 3 Check: 12 ÷ 6 = _____ and 12 ÷ 4 = _____.

5. Find the LCM of 5 and 6.

Step 1 Count by 6: 6, 12, 18, 24, _____.

Step 2 5 divides _____. The LCM is _____.

Step 3 Check: 30 ÷ 6 = _____ and 30 ÷ 5 = _____.

YOUR TURN

use the steps on your own

6. Find the LCM of each pair.

a. 3 and 4: _____ **b.** 4 and 10: _____ **c.** 6 and 9: _____

d. 5 and 7: _____ **e.** 8 and 12: _____ **f.** 10 and 15: _____

READY CHECK

a problem like the one in today's lesson

7. What is the LCM of 12 and 16?

A 4 **B** 28 **C** 48 **D** 192

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