Name_____ Date_____ Period_____

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

Find Common Multiples

Builds on Grade 4 · 4.OA.B.4

TODAY'S LESSON	You will make the red paint 6 cups in both mixes, from 3 cups and 2 cups.
YOU NEED TO	Find a common multiple, like 6 for 3 and 2. **You will use it in Practice Form A, problems 2 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. **List** multiples of the larger number.
2. **Check** each one: does the smaller number divide it?
3. The **first** one that works is the least common multiple.

WATCH ME

the steps in action

Find the least common multiple of 4 and 6.

Step 1 Multiples of 6: 6, 12, 18, 24.

Step 2 6 ÷ 4 does not work. 12 ÷ 4 = 3 works.

Step 3 The least common multiple is 12.

Answer **12**

TRY IT WITH HELP

fill in each step

1. Find the least common multiple of 3 and 2.

Step 1 Multiples of 3: 3, _____, 9.

Step 2 2 does not divide 3. Does 2 divide 6? _____

Step 3 The least common multiple is _____.

2. Find the least common multiple of 4 and 5.

Step 1 Multiples of 5: 5, 10, _____, _____.

Step 2 4 divides _____ first.

Step 3 The least common multiple is _____.

YOUR TURN

use the steps on your own

3. Find the least common multiple of each pair.

a. 2 and 5: _____ **b.** 3 and 4: _____ **c.** 4 and 8: _____

d. 6 and 9: _____ **e.** 5 and 6: _____ **f.** 8 and 12: _____

Multiply by a One-Digit Number

Builds on Grade 4 · 4.NBT.B.5

TODAY'S LESSON	You will scale 3 : 7 up to 15 spoons. That needs 7 × 5 = 35.
YOU NEED TO	Multiply a two-digit number by a one-digit number, like 12 × 3 = 36. **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 two-digit number into tens and ones.
2. **Multiply** each part by the one-digit number.
3. **Add** the two products.

WATCH ME

the steps in action

Find 14 × 6.

Step 1 14 = 10 + 4.

Step 2 10 × 6 = 60 and 4 × 6 = 24.

Step 3 60 + 24 = 84.

Answer **84**

TRY IT WITH HELP

fill in each step

4. Find 12 × 4.

Step 1 12 = 10 + _____.

Step 2 10 × 4 = _____ and 2 × 4 = _____.

Step 3 40 + 8 = _____.

5. Find 13 × 3.

Step 1 13 = 10 + _____.

Step 2 10 × 3 = _____ and 3 × 3 = _____.

Step 3 30 + 9 = _____.

YOUR TURN

use the steps on your own

6. Multiply.

a. 16 × 3 = _____ **b.** 15 × 4 = _____ **c.** 12 × 6 = _____

d. 17 × 2 = _____ **e.** 13 × 5 = _____ **f.** 11 × 7 = _____

READY CHECK

a problem like the one in today's lesson

7. Which product is greatest?

A 11 × 4 **B** 7 × 6 **C** 9 × 5 **D** 8 × 5

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