Name_____ Date_____ Period_____

LESSON 9-3 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Multiply Two-Digit Numbers

Builds on Grade 5 · 5.NBT.B.5

TODAY'S LESSON	You will find the riders on 6 buses: 48 × 6.
YOU NEED TO	Multiply like 48 × 6 by splitting 48 into tens and ones. **You will use it in Practice Form A, problems 3 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Split** 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

23 × 7

Step 1 23 = 20 + 3

Step 2 20 × 7 = 140. 3 × 7 = 21.

Step 3 140 + 21 = 161

Answer 161

TRY IT WITH HELP

fill in each step

1. 46 × 6

Step 1 46 = 40 + _____

Step 2 40 × 6 = _____. 6 × 6 = _____.

Step 3 240 + 36 = _____

2. 17 × 7

Step 1 17 = _____ + 7

Step 2 10 × 7 = _____. 7 × 7 = _____.

Step 3 70 + 49 = _____

YOUR TURN

use the steps on your own

3. Multiply. Use the same three steps.

a. 14 × 8 = _____ **b.** 32 × 9 = _____ **c.** 45 × 4 = _____

d. 19 × 5 = _____ **e.** 27 × 6 = _____ **f.** 38 × 3 = _____

Use Order of Operations

Builds on Grade 5 · 5.OA.A.1

TODAY'S LESSON	You will find the hall cost: 30 × 5 + 75 for 5 hours.
YOU NEED TO	Find a value like 4 + 3 × 6 by multiplying first. **You will use it in Practice Form A, problems 7 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. Do the work in **parentheses** first, if there are any.
2. **Multiply** or divide next.
3. **Add** or subtract last.

WATCH ME

the steps in action

30 + 8 × 5

Step 1 No parentheses.

Step 2 8 × 5 = 40

Step 3 30 + 40 = 70

Answer 70

TRY IT WITH HELP

fill in each step

4. 4 + 3 × 6

Step 1 Parentheses? _____

Step 2 3 × 6 = _____

Step 3 4 + 18 = _____

5. (4 + 3) × 6

Step 1 Parentheses: 4 + 3 = _____

Step 2 7 × 6 = _____

Step 3 Nothing to add. Answer: _____

YOUR TURN

use the steps on your own

6. Find each value.

a. 9 × 4 + 11 = _____ **b.** 7 × 8 − 6 = _____ **c.** 100 − 9 × 6 = _____

d. 6 + 25 × 4 = _____ **e.** (30 + 8) × 5 = _____ **f.** 3 × (12 + 8) = _____

READY CHECK

a problem like the one in today's lesson

7. A hall costs $c = 30h + 75$ dollars. What is the cost for 2 hours?

A $210 **B** $135 **C** $107 **D** $105

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