Name_____ Date_____ Period_____

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

Multiply Whole Numbers

Builds on Grade 5 · 5.NBT.B.5

TODAY'S LESSON	You will find the area of a sign with base 30 cm and height 26 cm: first 30 × 26.
YOU NEED TO	Multiply two numbers, like 30 × 26. **You will use it in Practice Form A, problems 5 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1 Break the second number into **tens and ones**.

2 Multiply the first number by **each part**.

3 **Add** the two products.

WATCH ME

the steps in action

Find 30 × 26.

Step 1 26 = 20 + 6.

Step 2 30 × 20 = 600 and 30 × 6 = 180.

Step 3 600 + 180 = 780.

Answer **30 × 26 = 780**

TRY IT WITH HELP

fill in each step

1. Find 14 × 12.

Step 1 12 = 10 + _____

Step 2 14 × 10 = _____ and 14 × 2 = _____

Step 3 _____ + 28 = _____

2. Find 18 × 13.

Step 1 13 = 10 + _____

Step 2 18 × 10 = _____ and 18 × 3 = _____

Step 3 _____ + 54 = _____

YOUR TURN

use the steps on your own

3. Multiply.

a. 18 × 10 = _____

b. 12 × 13 = _____

c. 20 × 15 = _____

d. 24 × 12 = _____

e. 30 × 11 = _____

f. 25 × 12 = _____

Find Half of a Number

Builds on Grade 5 · 5.NF.B.4

TODAY'S LESSON	You will find the area of a sail: ½ × 6 × 11.
YOU NEED TO	Take half of a product, like half of 6 × 11. **You will use it in Practice Form A, problems 3 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Multiply** the two numbers.
2. **Halve** the product: divide by 2.
3. Write the **unit**, like cm².

WATCH ME

the steps in action

Find ½ × 6 × 11.

Step 1 6 × 11 = 66.

Step 2 66 ÷ 2 = 33.

Step 3 The answer is 33.

Answer **33**

TRY IT WITH HELP

fill in each step

4. Find ½ × 8 × 7.

Step 1 8 × 7 = _____

Step 2 _____ ÷ 2 = _____

Step 3 The answer is _____.

5. Find ½ × 10 × 9.

Step 1 10 × 9 = _____

Step 2 _____ ÷ 2 = _____

Step 3 The answer is _____.

YOUR TURN

use the steps on your own

6. Find each value.

a. ½ × 6 × 5 = _____

b. ½ × 12 × 4 = _____

c. ½ × 10 × 7 = _____

d. ½ × 9 × 4 = _____

READY CHECK

a problem like the one in today's lesson

7. A sail is a right triangle with legs 6 ft and 11 ft. Which is its area?

A 33 ft² **B** 66 ft² **C** 17 ft² **D** 132 ft²

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