Name_____ Date_____ Period_____

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

Multiply Multi-Digit Numbers

Builds on Grade 5 · 5.NBT.B.5

TODAY'S LESSON	You will find the area of a panel with base 26 cm and height 5 cm, or 10 cm by 13 cm.
YOU NEED TO	Multiply a two-digit number by another number, like 22 × 13. **You will use it in Practice Form A, problems 3 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 22 × 13.

Step 1 13 = 10 + 3.

Step 2 22 × 10 = 220 and 22 × 3 = 66.

Step 3 220 + 66 = 286.

Answer **22 × 13 = 286**

TRY IT WITH HELP

fill in each step

1. Find 15 × 12.

Step 1 12 = 10 + _____

Step 2 15 × 10 = _____ and 15 × 2 = _____

Step 3 _____ + 30 = _____

2. Find 24 × 15.

Step 1 15 = 10 + _____

Step 2 24 × 10 = _____ and 24 × 5 = _____

Step 3 _____ + 120 = _____

YOUR TURN

use the steps on your own

3. Multiply.

a. 12 × 14 = _____ **b.** 25 × 11 = _____ **c.** 18 × 13 = _____

d. 30 × 12 = _____ **e.** 21 × 15 = _____ **f.** 16 × 12 = _____

Area of Rectangles

Builds on Grade 4 · 4.MD.A.3

TODAY'S LESSON	You will find the area of a tile with a base of 15 cm and a height of 10 cm.
YOU NEED TO	Find the area of a rectangle: length × width. **You will use it in Practice Form A, problems 1 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **length** and the **width**.
2. **Multiply** length × width.
3. Write the answer in **square units**.

WATCH ME

the steps in action

A rectangle is 8 cm by 5 cm. Find its area.

Step 1 Length 8 cm. Width 5 cm.

Step 2 8 × 5 = 40.

Step 3 The area is 40 cm².

Answer **40 cm²**

TRY IT WITH HELP

fill in each step

4. A rectangle is 9 ft by 4 ft. Find its area.

Step 1 Length _____ ft. Width _____ ft.

Step 2 9 × 4 = _____

Step 3 The area is _____ ft².

5. A rectangle is 12 in. by 6 in. Find its area.

Step 1 Length _____ in. Width _____ in.

Step 2 12 × 6 = _____

Step 3 The area is _____ in².

YOUR TURN

use the steps on your own

6. Find each area.

a. 7 cm by 6 cm: _____

b. 10 ft by 9 ft: _____

c. 15 m by 4 m: _____

d. 11 in. by 5 in.: _____

READY CHECK

a problem like the one in today's lesson

7. A tile has a base of 15 cm and a height of 10 cm. What is the area of the tile?

A 150 cm² **B** 25 cm² **C** 50 cm² **D** 75 cm²

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