Name_____ Date_____ Period_____

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

Area of Parallelograms

Builds on Lesson 5-1 Session 1 · 6.G.A.1

TODAY'S LESSON	You will find the area of a rhombus tile with sides 10 cm and height 9 cm.
YOU NEED TO	Find the area of a parallelogram: base × height. **You will use it in Practice Form A, problems 2 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **base** and the **height**.
2. **Multiply**: A = b × h.
3. Write **square units**.

WATCH ME

the steps in action

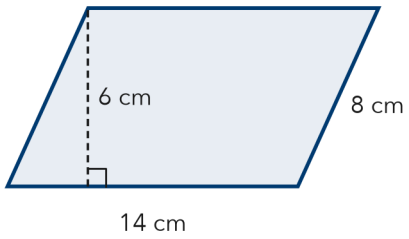
Find the area of a parallelogram with base 14 cm and height 6 cm.

Step 1 Base 14 cm. Height 6 cm.

Step 2 14 × 6 = 84.

Step 3 The area is 84 cm².

Answer **84 cm²**



TRY IT WITH HELP

fill in each step

1. Base 12 ft, height 5 ft. Find the area.

Step 1 Base _____ ft. Height _____ ft.

Step 2 12 × 5 = _____

Step 3 The area is _____ ft².

2. Base 18 in., height 7 in. Find the area.

Step 1 Base _____ in. Height _____ in.

Step 2 18 × 7 = _____

Step 3 The area is _____ in².

YOUR TURN

use the steps on your own

3. Find each area.

a. b = 10, h = 9: _____

b. b = 11, h = 7: _____

c. b = 15, h = 6: _____

d. b = 20, h = 4: _____

Area of Rectangles

Builds on Grade 4 · 4.MD.A.3

TODAY'S LESSON	You will see that a rhombus fills half of the rectangle drawn around it.
YOU NEED TO	Find the area of a rectangle, like 20 × 14. **You will use it in Practice Form A, problems 3 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

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

WATCH ME

the steps in action

A rectangle is 20 ft by 13 ft. Find its area.

Step 1 Length 20 ft. Width 13 ft.

Step 2 20 × 13 = 260.

Step 3 The area is 260 ft².

Answer **260 ft²**

TRY IT WITH HELP

fill in each step

4. A rectangle is 18 ft by 24 ft. Find its area.

Step 1 Length _____ ft. Width _____ ft.

Step 2 18 × 24 = _____

Step 3 The area is _____ ft².

5. A rectangle is 20 in. by 14 in. Find its area.

Step 1 Length _____ in. Width _____ in.

Step 2 20 × 14 = _____

Step 3 The area is _____ in².

YOUR TURN

use the steps on your own

6. Find each area.

a. 10 by 14: _____

b. 16 by 30: _____

c. 12 by 25: _____

d. 15 by 18: _____

READY CHECK

a problem like the one in today's lesson

7. The diagonals of a kite are 20 in. and 14 in. Which rectangle is drawn around it?

A 20 in. by 14 in. **B** 20 in. by 20 in. **C** 34 in. by 14 in. **D** 10 in. by 7 in.

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