Name_____ Date_____ Period_____

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

Multiply, Then Take Half

Builds on Grade 5 · 5.NF.B.4

TODAY'S LESSON	You will find the area of a rhombus with diagonals 18 ft and 24 ft: (18 × 24) ÷ 2.
YOU NEED TO	Multiply two numbers, then take half of the product. **You will use it in Practice Form A, problems 3 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Multiply** the two numbers.
2. Take **half** of the product: divide by 2.
3. Write the unit, like **square feet**.

WATCH ME

the steps in action

Find half of 20 × 14.

Step 1 20 × 14 = 280.

Step 2 280 ÷ 2 = 140.

Step 3 The answer is 140.

Answer **140**

TRY IT WITH HELP

fill in each step

1. Find half of 30 × 12.

Step 1 30 × 12 = _____

Step 2 _____ ÷ 2 = _____

Step 3 The answer is _____.

2. Find half of 16 × 15.

Step 1 16 × 15 = _____

Step 2 _____ ÷ 2 = _____

Step 3 The answer is _____.

YOUR TURN

use the steps on your own

3. Multiply, then take half.

a. 10 × 14, then half = _____

b. 8 × 25, then half = _____

c. 30 × 16, then half = _____

d. 12 × 11, then half = _____

e. 20 × 13, then half = _____

f. 18 × 5, then half = _____

Classify Quadrilaterals

Builds on Grade 5 · 5.G.B.4

TODAY'S LESSON	You will use A = b × h on a rhombus, because a rhombus is a parallelogram.
YOU NEED TO	Tell which shapes are parallelograms. **You will use it in Practice Form A, problems 1 and 2.**

STEPS TO FOLLOW

use these same steps on every problem

1. A parallelogram has **two pairs** of parallel sides.
2. A **rectangle**, **rhombus**, and **square** each have them.
3. If yes, the shape is a **parallelogram**.

WATCH ME

the steps in action

Is a rhombus a parallelogram?

Step 1 A rhombus has 4 equal sides.
Step 2 Its opposite sides are parallel, two pairs.
Step 3 Yes. A rhombus is a parallelogram.

Answer **Yes**

TRY IT WITH HELP

fill in each step

4. Is a rectangle a parallelogram?

Step 1 A rectangle has opposite sides that are _____.
Step 2 How many pairs of parallel sides? _____
Step 3 _____. A rectangle is a parallelogram.

5. Is a square a parallelogram?

Step 1 A square has opposite sides that are _____.
Step 2 How many pairs of parallel sides? _____
Step 3 _____. A square is a parallelogram.

YOUR TURN

use the steps on your own

6. Write yes or no: is it a parallelogram?

a. rhombus _____
b. rectangle _____
c. trapezoid _____
d. square _____

READY CHECK

a problem like the one in today's lesson

7. Pia says a rhombus is not a parallelogram. Which fact shows she is wrong?

A Opposite sides are parallel
B It has 4 equal sides
C It has no right angles
D Diagonals are equal

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