Name_____ Date_____ Period_____

LESSON 7-7 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Add Side Lengths for Perimeter

Builds on Grade 3 · 3.MD.D.8

TODAY'S LESSON	You will find the perimeter of a dog run that is 18 m by 11 m.
YOU NEED TO	Add all four sides of a rectangle, like 15 + 12 + 15 + 12. **You will use it in Practice Form A, problems 1, 3 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Write** all four sides: length, width, length, width.
2. **Add** the four sides.
3. **Label** the answer with the unit.

WATCH ME

the steps in action

A rectangle is 14 m by 11 m. Find its perimeter.

Step 1 Sides: 14, 11, 14, 11.

Step 2 14 + 11 + 14 + 11 = 50.

Step 3 The perimeter is 50 m.

Answer **50 m**

TRY IT WITH HELP

fill in each step

1. A rectangle is 12 ft by 9 ft. Find its perimeter.

Step 1 Sides: 12, _____, 12, _____.

Step 2 12 + 9 + 12 + 9 = _____.

Step 3 The perimeter is _____ ft.

2. A rectangle is 8.5 yd by 4 yd. Find its perimeter.

Step 1 Sides: 8.5, 4, _____, _____.

Step 2 8.5 + 4 + 8.5 + 4 = _____.

Step 3 The perimeter is _____ yd.

YOUR TURN

use the steps on your own

3. Find the perimeter of each rectangle in units.

a. 10 by 5 _____

b. 15 by 12 _____

c. 18 by 11 _____

d. 7 by 7 _____

e. 13 by 6 _____

f. 9.5 by 4 _____

Find the Area of a Rectangle

Builds on Grade 4 · 4.MD.A.3

TODAY'S LESSON	You will find the area of a deck that is 13 yd by 7 yd.
YOU NEED TO	Multiply length × width, like 13 × 7. **You will use it in Practice Form A, problems 1, 6 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the length and the width.
2. **Multiply** length × width. Split a two-digit number into tens and ones.
3. **Label** the answer in square units.

WATCH ME

the steps in action

A rectangle is 15 units by 9 units. Find its area.

Step 1 Length 15, width 9.

Step 2 15 × 9 = 10 × 9 + 5 × 9 = 90 + 45 = 135.

Step 3 The area is 135 square units.

Answer **135 square units**

TRY IT WITH HELP

fill in each step

4. A deck is 13 yd by 7 yd. Find its area.

Step 1 Length _____, width _____.

Step 2 13 × 7 = 70 + _____ = _____.

Step 3 The area is _____ square yards.

5. A rug is 12 ft by 6 ft. Find its area.

Step 1 Length _____, width _____.

Step 2 12 × 6 = 60 + _____ = _____.

Step 3 The area is _____ square feet.

YOUR TURN

use the steps on your own

6. Find the area of each rectangle in square units.

a. 8 by 5 _____ **b.** 12 by 4 _____ **c.** 14 by 6 _____

d. 11 by 9 _____ **e.** 15 by 8 _____ **f.** 16 by 5 _____

READY CHECK

a problem like the one in today's lesson

7. A rectangle is 15 units long and 9 units wide. What is its area?

A 24 square units **B** 48 square units **C** 135 square units **D** 150 square units

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