Name_____ Date_____ Period_____

LESSON 5-7 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Perimeter of Triangles

Builds on Grade 3 · 3.MD.D.8

TODAY'S LESSON	You will wrap 3 rectangles around a triangle: (5 + 12 + 13) × 6 for the cheese wedge.
YOU NEED TO	Add the 3 sides of a triangle, like 8 + 15 + 17. **You will use it in Practice Form A, problems 3, 4, and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **List** all three side lengths.
2. **Add** two of the sides.
3. **Add** the third side. Write the unit.

WATCH ME

the steps in action

A triangle has sides 8, 15, and 17 cm. Find its perimeter.

Step 1 Sides: 8, 15, 17.

Step 2 8 + 15 = 23.

Step 3 23 + 17 = 40.

Answer **40 cm**

TRY IT WITH HELP

fill in each step

1. A triangle has sides 6, 8, and 10 m. Find its perimeter.

Step 1 Sides: 6, _____, _____

Step 2 6 + 8 = _____

Step 3 14 + 10 = _____ m

2. A triangle has sides 13, 13, and 10 in. Find its perimeter.

Step 1 Sides: _____, _____, 10

Step 2 13 + 13 = _____

Step 3 26 + 10 = _____ in

YOUR TURN

use the steps on your own

3. Find each perimeter.

a. 3, 4, 5 _____

b. 7, 7, 7 _____

c. 11, 13, 20 _____

d. 9, 12, 15 _____

e. 5, 5, 8 _____

f. 10, 24, 26 _____

Multiply Two-Digit Numbers

Builds on Grade 5 · 5.NBT.B.5

TODAY'S LESSON	You will multiply a perimeter by a length, like (20 + 21 + 29) × 14 for the wedge.
YOU NEED TO	Multiply two 2-digit numbers, like 27 × 14. **You will use it in Practice Form A, problems 3, 6, 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 27 × 14.

Step 1 14 = 10 + 4.

Step 2 27 × 10 = 270 and 27 × 4 = 108.

Step 3 270 + 108 = 378.

Answer **378**

TRY IT WITH HELP

fill in each step

4. Find 23 × 12.

Step 1 12 = 10 + _____

Step 2 23 × 10 = _____ and 23 × 2 = _____

Step 3 230 + 46 = _____

5. Find 36 × 15.

Step 1 15 = 10 + _____

Step 2 36 × 10 = _____ and 36 × 5 = _____

Step 3 360 + 180 = _____

YOUR TURN

use the steps on your own

6. Multiply.

a. 14 × 12 = _____ **b.** 21 × 13 = _____ **c.** 18 × 15 = _____

d. 29 × 11 = _____ **e.** 24 × 16 = _____ **f.** 35 × 12 = _____

READY CHECK

a problem like the one in today's lesson

7. A prism is 12 cm long. Its ends have sides 3, 4, and 5 cm. Find the 3 rectangles' area.

A 12 cm² **B** 60 cm² **C** 144 cm² **D** 720 cm²

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