Name: _____

College: _____

4th Grade Math

Hybrid Learning Packet

Week of:

November 20th – November 24th

Friday

Name: _____   Date: 11/20/2020

BCCSG   William Smith   Spelman

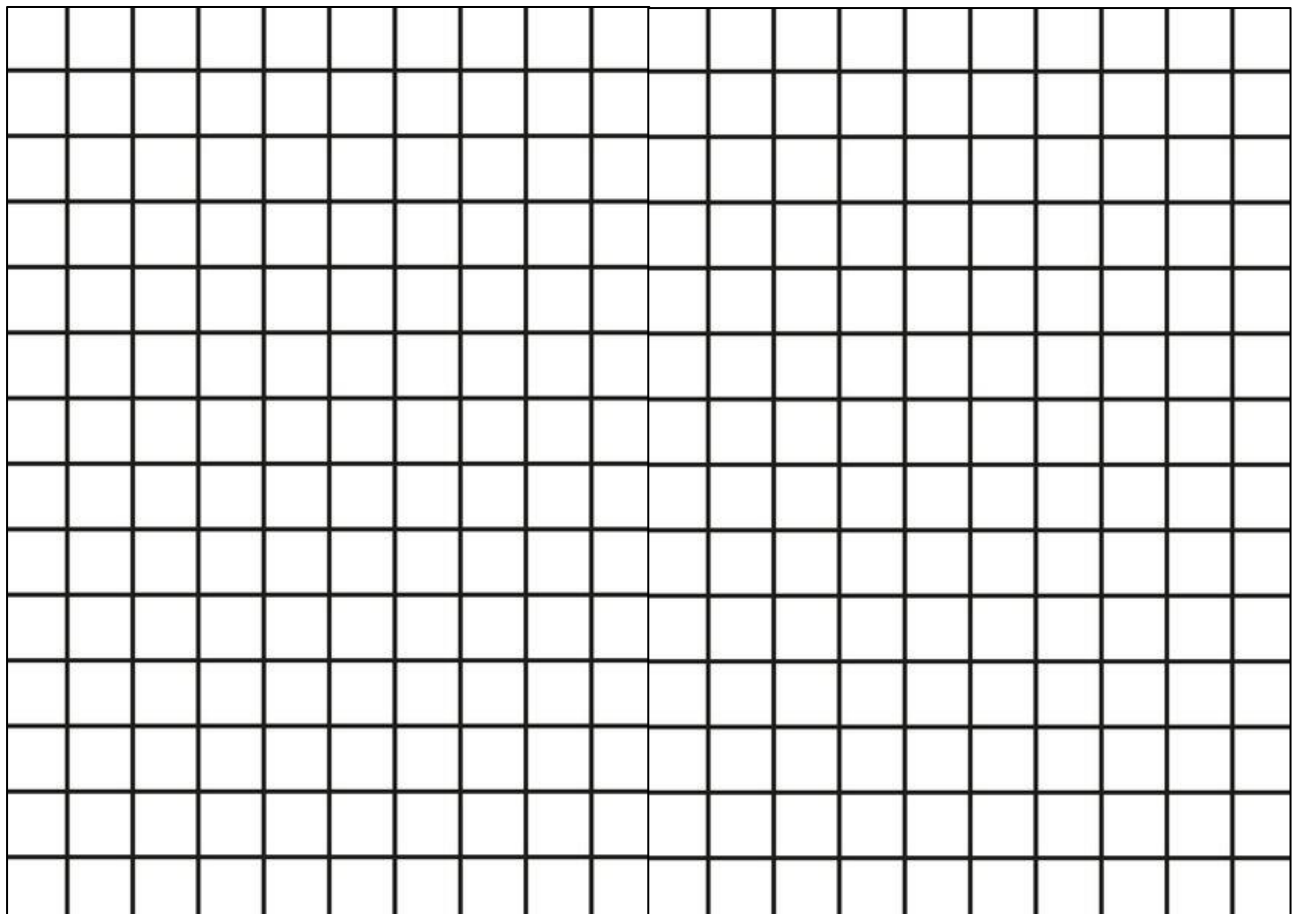**Learning Target:** I can investigate and use the formulas for area and perimeter of rectangles.

Module 3 Lesson 1

Do Now

Input

Problem 1: Review and compare perimeter and area of a rectangle.

Draw a <u>rectangle</u> that is 4 units wide and 7 units long.

Opposite sides are the same _____.

Rectangles have 4 _____ angles.

PERIMETER:

Starting with your pencil on one corner, trace around the outside of the rectangle until you get back to where you started. The **measurement of the distance around a rectangle** is called the

_____.

Trace the **perimeter** again, and count the units as you trace them. The **perimeter** of this rectangle is _____ units.
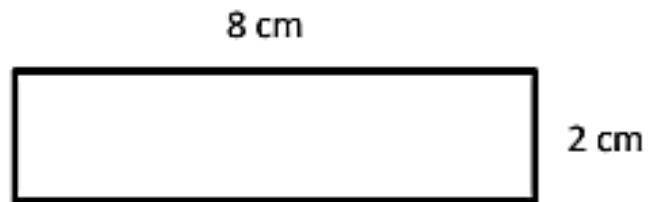
Formula for perimeter: _____

AREA:

Now, shade in the inside of your rectangle. The **space inside a rectangle** is called the _____.

Count the square units inside the rectangle to find the area. The area of this rectangle is _____ square units.
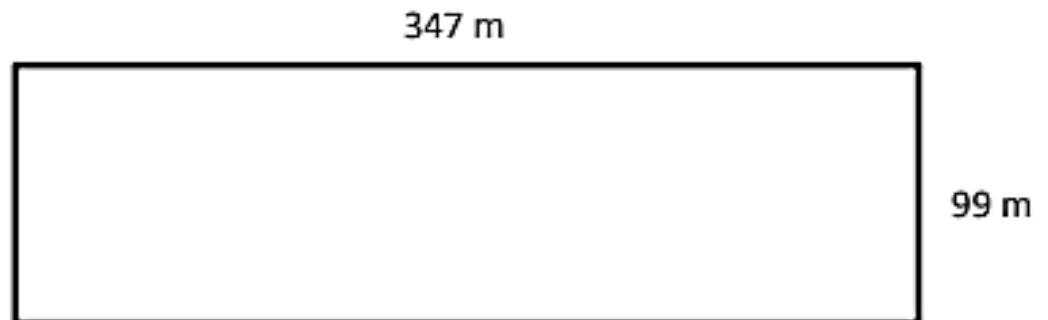
Formula for area: _____

Exit Ticket:

1. Determine the area and perimeter of the rectangle.

8 cm

2 cm

2. Determine the perimeter of the rectangle.

347 m

99 m

Monday

Name: _____   Date: 11/23/2020

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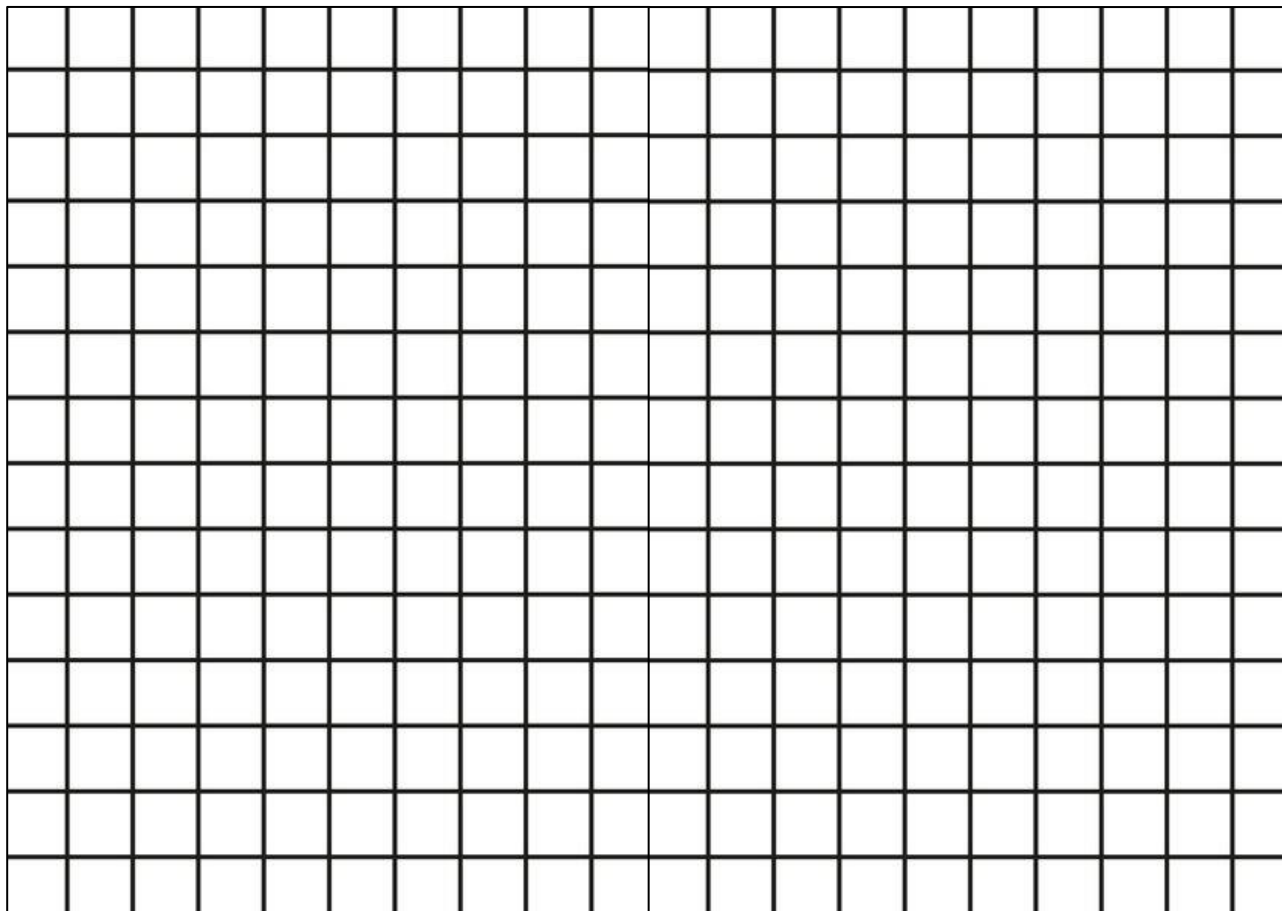**Learning Target:** I can solve multiplicative comparison word problems by applying the area and perimeter formulas.

Module 3 Lesson 2
Do Now

Input

Problem 1: A rectangle is 1 unit wide. It is 3 times as long as it is wide. Find the length.

Shade 3 square units.

The **width** of this rectangle is _____ units.

The **length** is _____ units.

Now, make it **2 times as long** by shading 3 more squares.

The new <u>length</u> is _____ units.

Make the rectangle **3 times as long** by shading 3 more squares.

The new <u>length</u> is _____ units.

Using the original length, how would you find the length of a rectangle that is **4 times as long**? (Write an equation)

Exit Ticket:

A narrow rectangular banner is 5 inches wide. It is 6 times as long as it is wide.

a.   Draw a diagram of the banner, and label its dimensions.

b.   Find the perimeter and area of the banner.
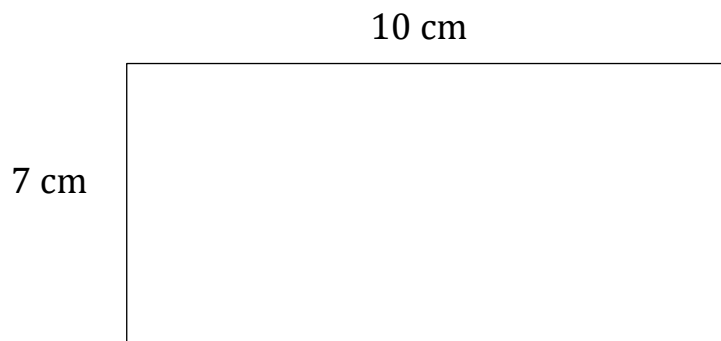
Area:

Perimeter:

Tuesday

Name: _____   Date: 11/24/2020

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> **Learning Target:** I can solve multi-step real-world problems involving area and perimeter.

Module 2 Review

Do Now

Find the area and perimeter of the rectangle:

10 cm

7 cm

Area: _____

Perimeter: _____

Input

Problem 1

The rectangular projection screen in the school auditorium is 5 times as long and 5 times as wide as the rectangular screen in the library. The screen in the library is 4 feet long with a perimeter of 14 feet. What is the perimeter of the screen in the auditorium?

PLAN	SOLVE

Answer as a sentence: _____

_____

Exit Ticket:

A rectangular poster is 3 times as long as it is wide. It has a perimeter of 24 inches. What is the length and width of the poster? Show your work.