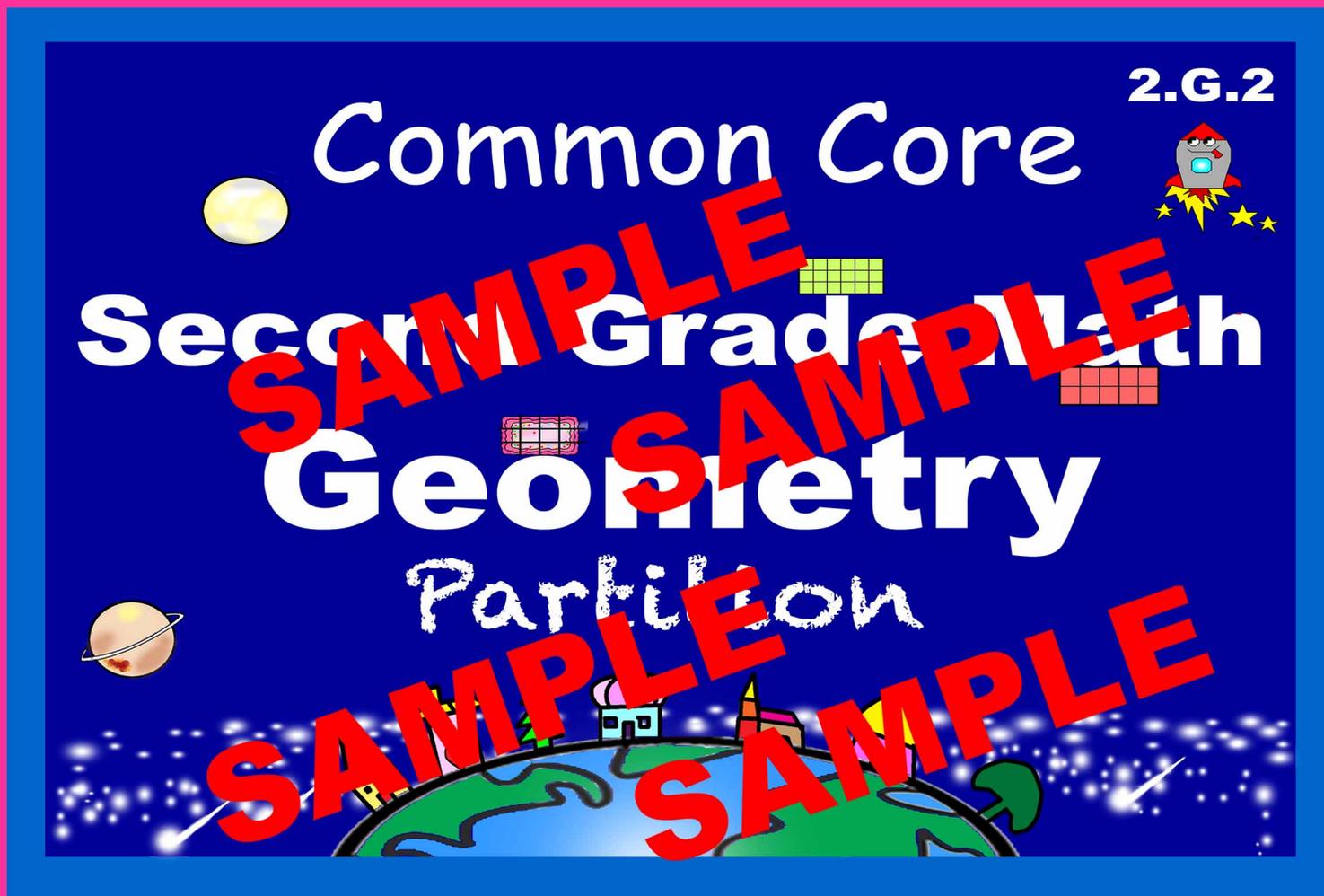


In Three Formats:

Google Slides, PPT, & PDF



2.G.2

Common Core

Second Grade Math

Geometry

Partition

SAMPLE

SAMPLE

SAMPLE

The graphic features a dark blue background with a yellow sun, a red rocket, a planet with a ring, and a green and blue Earth with buildings. The text is white and bold, with three large red diagonal watermarks reading 'SAMPLE'.

Prep Free! Ready to Use! Independent!

Introduction

- 1. All versions, PDF, Google Slides, and PPD share the same contents. However, there are slight wording changes to accommodate each version.**
- 2. This product covers Common Core Standard in Geometry: 2.G.2.**
- 3. There are 9 student work pages and 9 answer pages. Student work pages are provided in both ink and color while answer pages are only available in color.**

Page 5-13: Student Work Sheets in ink

Page 14-22: Student Work Sheets in Color

Page 23-31: Answer Sheets in Color

Table of Contents

1. Introduction - Rows
2. Introduction - Columns
3. Introduction - Rectangle Partition
4. Partition a Rectangle - Identify Partitions
5. Partition a Rectangle - Specify Partitions
6. Partition a Rectangle - Understand Partition via Squares
7. Partition a Rectangle - Make Partitions
8. Partition a Rectangle - Word Problems
9. 2.G.2 Formative Assessment

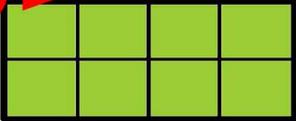
Covers 2.G.2 standard in Geometry

Differentiated! Interactive! Independent! Prep Free! Easy to Use!

Name: _____ ©Qiang Ma

Answer Sheet Introduction

Directions: Draw and copy the squares to fill the partitioned rectangle. Fill in the blanks.



Number of Rows: 2
 Number of Columns: 4
 Number of Squares: 8

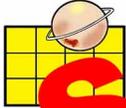
Count and add the squares inside the above rectangle:
 Add by rows: $4+4 = 8$ Add by columns: $2+2+2+2 = 8$

Can you explain how the above rectangle is partitioned in words?
 The rectangle is partitioned into 2 rows and 4 columns of same size squares.

Name: _____ ©Qiang Ma

Answer Sheet Partition a Rectangle

Directions: Partition each rectangular object by drawing straight lines. Fill the blanks.

Which picture has 3 rows and 4 columns? What is its total number of squares?
    12 squares

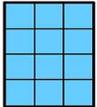
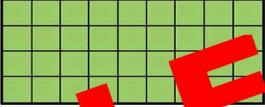
Which picture has 4 rows and 7 columns? What is its total number of squares?
  28 squares



Name: _____ ©Qiang Ma

Answer Sheet Partition a Rectangle

Directions: Fill each blank with a proper number.

	<u>3</u> rows		<u>2</u> rows
	<u>1</u> column		<u>5</u> columns
	<u>3</u> squares		<u>10</u> squares
	<u>2</u> rows		<u>3</u> rows
	<u>3</u> columns		<u>6</u> columns
	<u>3</u> squares		<u>18</u> squares
	<u>4</u> rows		<u>4</u> rows
	<u>3</u> columns		<u>9</u> columns
	<u>12</u> squares		<u>36</u> squares

Name: _____ ©Qiang Ma

Answer Sheet Partition a Rectangle

Directions: Partition each rectangular object by drawing straight lines. Fill each blank with a proper number value.

Jared divides the bread into 2 columns only. How many equal pieces of bread did Jared get?
 2 pieces

Ted has a sandwich. He divides the sandwich into 2 rows and 2 columns. How many equal pieces did Ted get?
 4 pieces

Mary divides her special rectangular drawing paper into 2 rows and 3 columns. How many equal drawing areas did Mary get?
 6 areas

Amy cuts a rectangular cake into 3 rows and 4 columns. How many equal pieces does Amy cut?
 12 pieces

Google Slides Version

2.G.2

Second Grade Math

Geometry



Table of Contents

1. Introduction - Rows
2. Introduction - Columns
3. Introduction - Rectangle Partition
4. Partition a Rectangle - Identify Partitions
5. Partition a Rectangle - Special Partitions
6. Partition a Rectangle - Multiple Partitions via
7. Partition a Rectangle - Multiple Partitions via
8. 2.G.2 Assessment
9. 2.G.2 Assessment

COVER COMMON CORE STATE STANDARDS IN GEOMETRY.

Introduction
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Number of Rows:

Row Definition: A row runs horizontal from left to right.

Introduction
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Number of Rows:

Row Definition: A row runs horizontal from left to right.

Introduction
Directions: Fill the blanks.

Number of Rows:

Row Definition: A row runs horizontal from left to right.

Answer Sheet Introduction
Directions: Fill the blanks.

Number of Columns:

Column Definition: A column runs vertical from top to bottom.

Introduction
Directions: Drag and drop the squares to fill the partitioned rectangle. Fill the blanks.

Number of Rows:

Number of Columns:

Number of Squares:

Count and add the squares in the above rectangle. Add by rows: $2 + 2 + 2 = 6$

Can you find how many squares the rectangle is partitioned into?

Answer Sheet Introduction
Directions: Drag and drop the squares to fill the partitioned rectangle. Fill the blanks.

Number of Rows:

Number of Columns:

Number of Squares:

Count and add the squares in the above rectangle. Add by rows: $2 + 2 + 2 = 6$

Can you find how many squares the rectangle is partitioned into?

Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Which picture has 3 rows and 4 columns? What is its total number of squares?

Which picture has 4 rows and 7 columns? What is its total number of squares?

Which picture has 3 rows and 4 columns? What is its total number of squares?

Answer Sheet Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Which picture has 3 rows and 4 columns? What is its total number of squares?

Which picture has 4 rows and 7 columns? What is its total number of squares?

Which picture has 3 rows and 4 columns? What is its total number of squares?

Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Fill each blank with a proper number value.

	<input type="text" value="2"/> rows	<input type="text" value="3"/> columns	<input type="text" value="6"/> squares
	<input type="text" value="3"/> rows	<input type="text" value="4"/> columns	<input type="text" value="12"/> squares
	<input type="text" value="4"/> rows	<input type="text" value="7"/> columns	<input type="text" value="28"/> squares

Answer Sheet Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Fill each blank with a proper number value.

	<input type="text" value="2"/> rows	<input type="text" value="3"/> columns	<input type="text" value="6"/> squares
	<input type="text" value="3"/> rows	<input type="text" value="4"/> columns	<input type="text" value="12"/> squares
	<input type="text" value="4"/> rows	<input type="text" value="7"/> columns	<input type="text" value="28"/> squares

Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Fill each blank with a proper number value.

	<input type="text" value="2"/> rows	<input type="text" value="3"/> columns	<input type="text" value="6"/> squares
	<input type="text" value="3"/> rows	<input type="text" value="4"/> columns	<input type="text" value="12"/> squares
	<input type="text" value="4"/> rows	<input type="text" value="7"/> columns	<input type="text" value="28"/> squares

Answer Sheet Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Fill each blank with a proper number value.

	<input type="text" value="2"/> rows	<input type="text" value="3"/> columns	<input type="text" value="6"/> squares
	<input type="text" value="3"/> rows	<input type="text" value="4"/> columns	<input type="text" value="12"/> squares
	<input type="text" value="4"/> rows	<input type="text" value="7"/> columns	<input type="text" value="28"/> squares

Partition a Rectangle
Directions: Drag and drop a Jupiter on the correct picture. Fill the blanks.

Partition (divide) this rectangle equally with 3 rows and 4 columns. What is its total number of squares?

Partition (divide) this rectangle equally with 2 rows and 3 columns. What is its total number of squares?

Answer Sheet Partition a Rectangle
Directions: Partition each rectangular object by drawing straight lines. Fill each blank with a proper number value.

Draw 2 equal rows.

Partition (divide) this rectangle equally with 3 rows and 2 columns. What is its total number of squares?

Partition a Rectangle
Directions: Partition each rectangular object by drawing straight lines. Fill each blank with a proper number value.

Jared divides the bread into 2 columns only. How many equal pieces of bread did Jared cut?

Ted has a sandwich. He divides the sandwich into 3 rows and 3 columns for his snack. How many equal pieces did Ted cut?

Answer Sheet Partition a Rectangle
Directions: Partition each rectangular object by drawing straight lines. Fill each blank with a proper number value.

Jared divides the bread into 2 columns only. How many equal pieces of bread did Jared cut?

Ted has a sandwich. He divides the sandwich into 3 rows and 3 columns for his snack. How many equal pieces did Ted cut?

2.G.2 Assessment
Directions: Drag and drop a Jupiter on the correct picture. Partition the rectangle by drawing straight lines. Fill the blanks.

1. Which picture has 2 rows and 4 columns? What is its total number of squares?

2. Partition this rectangle equally with 3 rows and 4 columns. What is its total number of squares?

Answer Sheet 2.G.2 Assessment
Directions: Drag and drop a Jupiter on the correct picture. Partition the rectangle by drawing straight lines. Fill the blanks.

1. Which picture has 2 rows and 4 columns? What is its total number of squares?

2. Partition this rectangle equally with 3 rows and 4 columns. What is its total number of squares?

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Credits

I draw all the clipart myself for all the products in my store.

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Let children be engaged, challenged, and shine!

*Thank you
for using this lesson!*