




# Partitioning Rectangles


## 2.G.A.2

### Explore

Sarah and Tamir are both sharing their chocolate bars with the 6 students in their table groups. Circle the chocolate bar that is divided equally into rows and columns and write a repeated addition sentence to make sure the chocolate bar is divided into 6 pieces.



$2 + 2 + 2 = 6$



Digital Lesson & Printable Recording Sheet



# Vocabulary

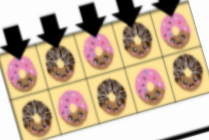
Match the vocabulary card to the definition.

Partition



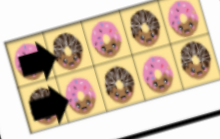
To divide into pieces

Column



A line of objects that goes from top to bottom

Row



A line of objects that goes from left to right

Array

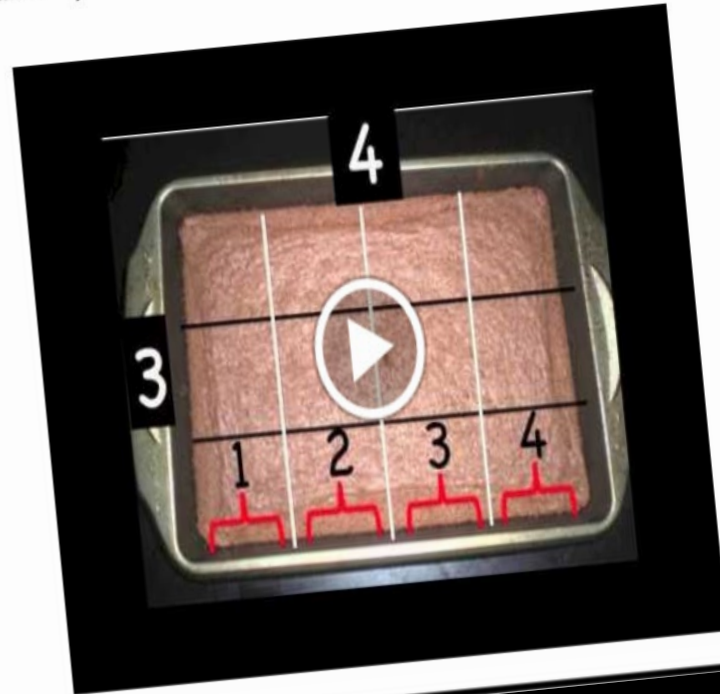


A group of objects arranged in rows and columns



# Let's Watch!

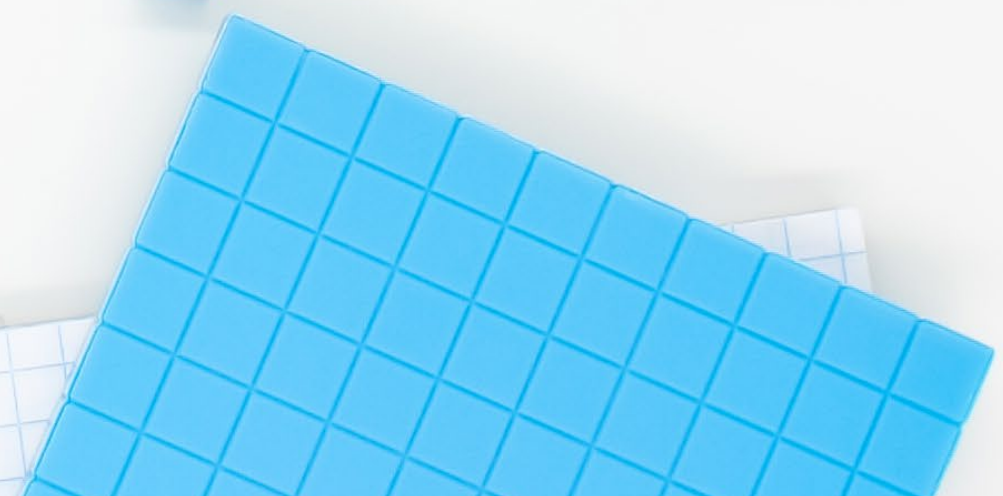
Watch the video about partitioning rectangles.



CENTIMETERS 2 3

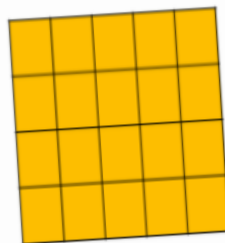
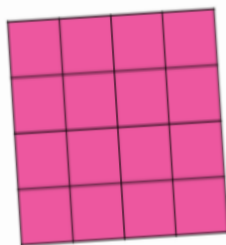
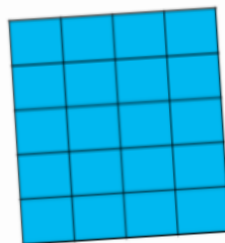
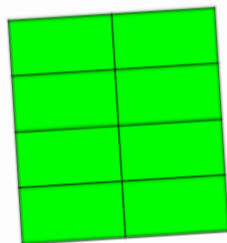
20 21 22 23 24 25 26 27

120 130 140 150 160 170 180  
0 INCHES  
10 20 30 40 50 60



# Explore

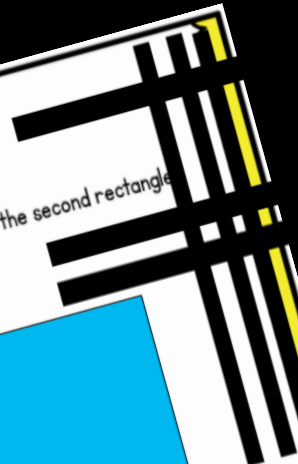
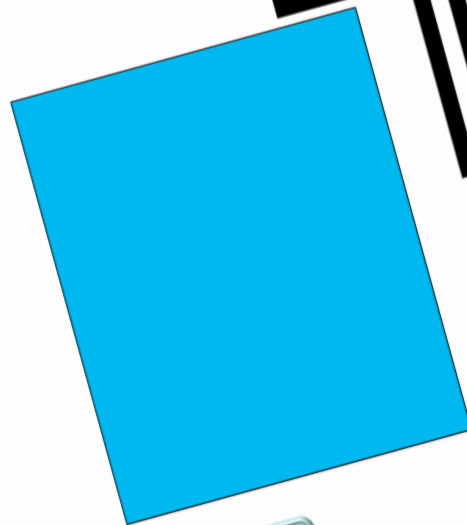
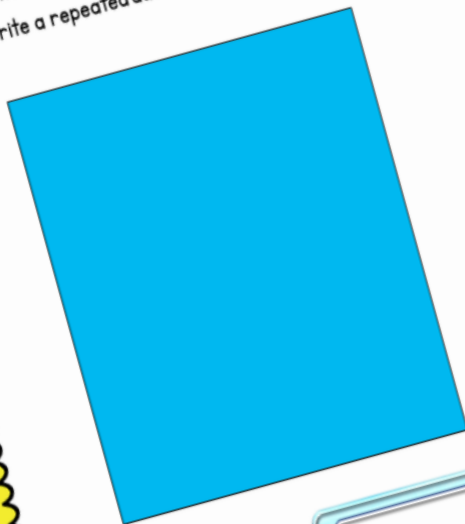
Each of the rectangles is divided into rows and columns. Write a repeated addition number sentence for each rectangle to find out how many pieces it was partitioned into.





# Explore

First, use the squares to cover the first rectangle, then use the lines to draw the rows and columns on the second rectangle.  
Finally, write a repeated addition number sentence.

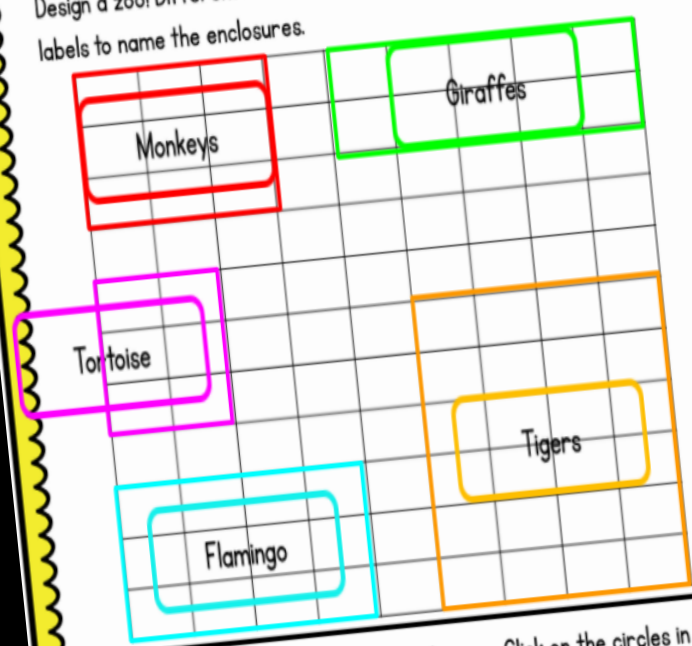


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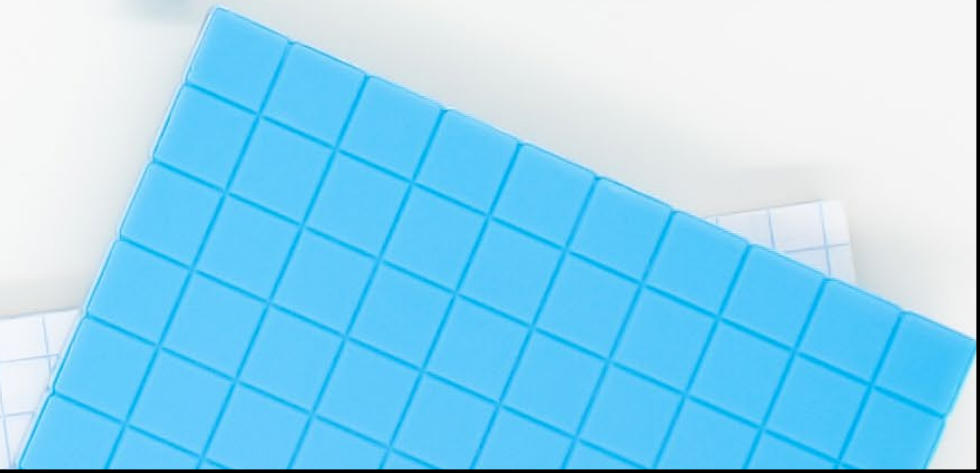
# Explore

Design a zoo! Different animals require different amounts of space. Make the enclosures according to the plans below. Use the labels to name the enclosures.



- Monkeys - 3 columns, 3 rows
- Giraffes - 5 columns, 2 rows
- Tigers - 4 columns, 6 rows
- Tortoise - 2 columns, 3 rows
- Flamingos - 4 columns, 3 rows

Use the boxes to make the enclosures. Click on the circles in the corners and drag until the box is the correct size.



Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Partitioning Rectangles Lesson Recording Sheet: Day 1

**Vocabulary:** Match the vocabulary words to the definition.

Partition

A line of objects that goes from left to right

Row

A group of objects arranged in rows and columns

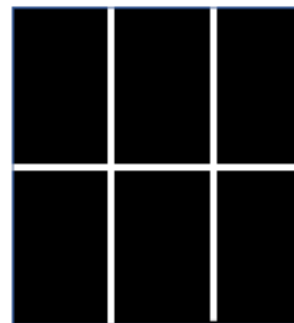
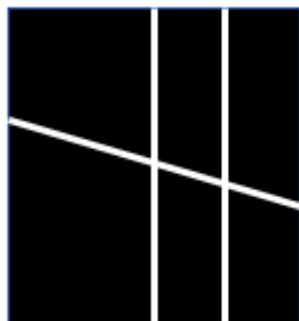
Column

To divide into pieces

Array

A line of objects that goes from top to bottom

**Explore:** Sarah and Tamir are both sharing their chocolate bars with the 6 students in their table groups. Circle the chocolate bar that is divided equally into rows and columns and write a repeated addition sentence to make sure the chocolate bar is divided into 6 pieces.



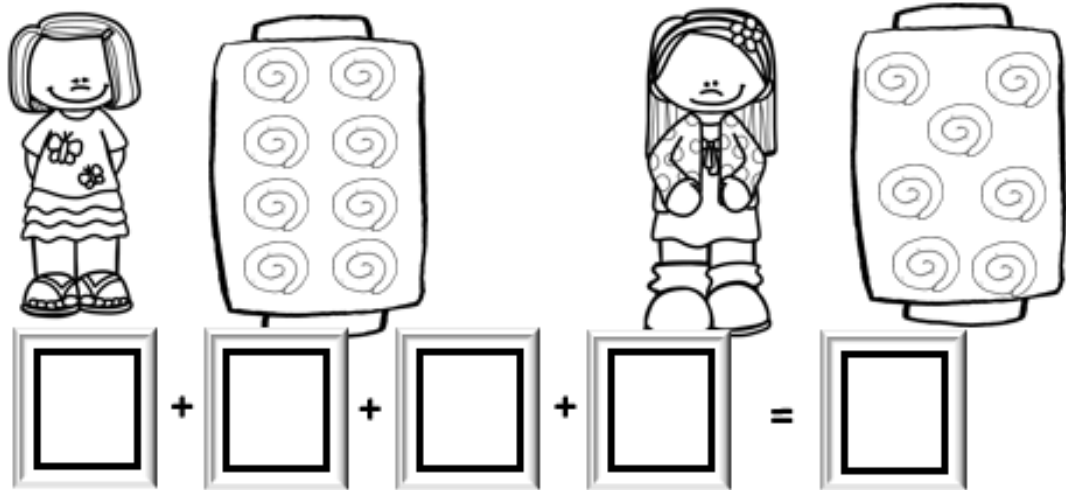
$$\boxed{\phantom{0}} + \boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Partitioning Rectangles Lesson Recording Sheet: Day 1

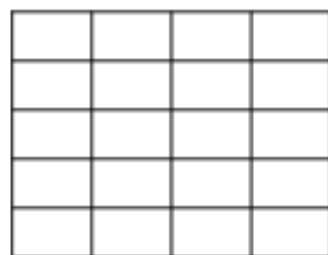
**Explore:** Candace and Marie are baking cinnamon rolls for their families. Circle the baking sheet that is divided equally into rows and columns and write a repeated addition sentence to find out how many cinnamon rolls were made.



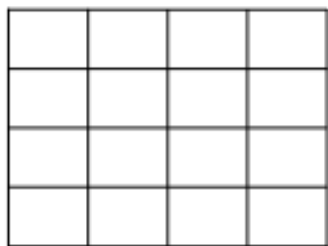
**Explore:** Each of the rectangles is divided into rows and columns. Write a repeated addition number sentence for each rectangle to find out how many pieces it was partitioned into.



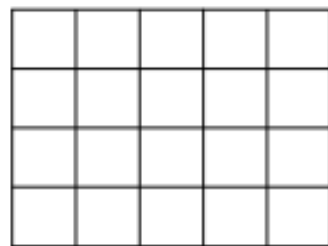
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