2.G.2 Partition a rectangle into rows and columns of same-size squares and

count to find the total number of them.

Student Worksheet

Directions: Cut out the shapes below. Follow the directions on the flipchart and your paper to fold your shapes.

Shape 1

Shape 1:

1. Fold your shape in half, hamburger fold.

2. Fold your shape in half, hot dog fold.

3. Fill in your response form.

Shape 2

Shape 2:  
1. Fold your shape in half, hamburger fold. 2. Fold it in half again, hamburger fold. 3. Open it. 4. Fold it in half hot dog fold. 5. Fill in your response form.

Student Response Form

Shape 1:

1. How many squares/rectangles were made by folding your shape? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write an equation to support your answer (remember to use what you know about rows and columns).

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Shape 2:

1. How many squares/rectangles were made by folding your shape? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write an equation to support your answer (remember to use what you know about rows and columns).

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1. Draw a shape in the box below that is made up of 10 equal squares.
2. What shape did you make? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. How many rows did you make? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. How many columns did you make? \_\_\_\_\_\_\_\_\_\_\_
5. Write an equation to show how many squares are in your shape.

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