Name _____

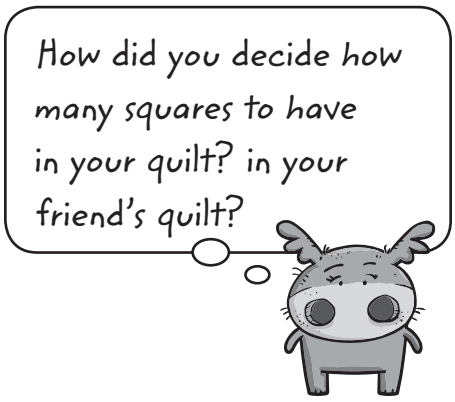
Colorful Quilts

Your Challenge

You and your friend are each making a rectangular quilt out of same-sized colored squares. Your quilts are the same size, but the squares in your quilt are larger than the squares in your friend's quilt.

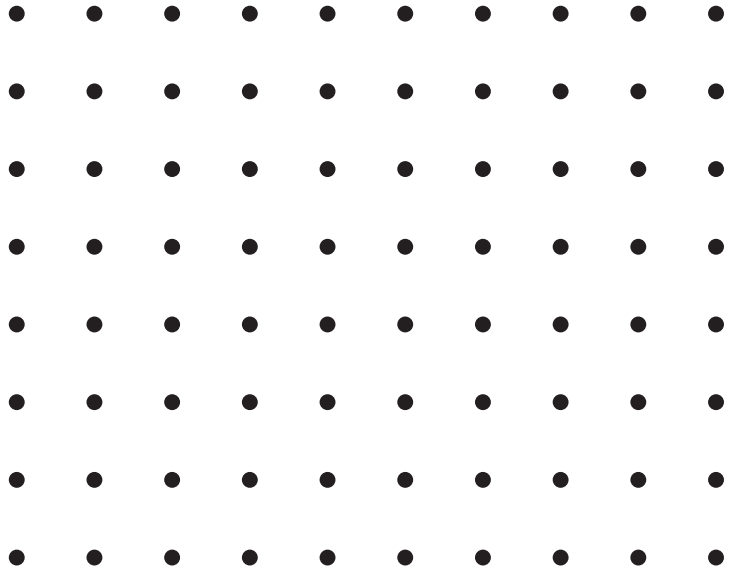
1. Draw a picture of your quilt. What fraction of your quilt is one square? Explain how you know on the **Recording Sheet**.

2. Draw a picture of your friend's quilt. What fraction of your friend's quilt is one square? Explain how you know on the **Recording Sheet**.

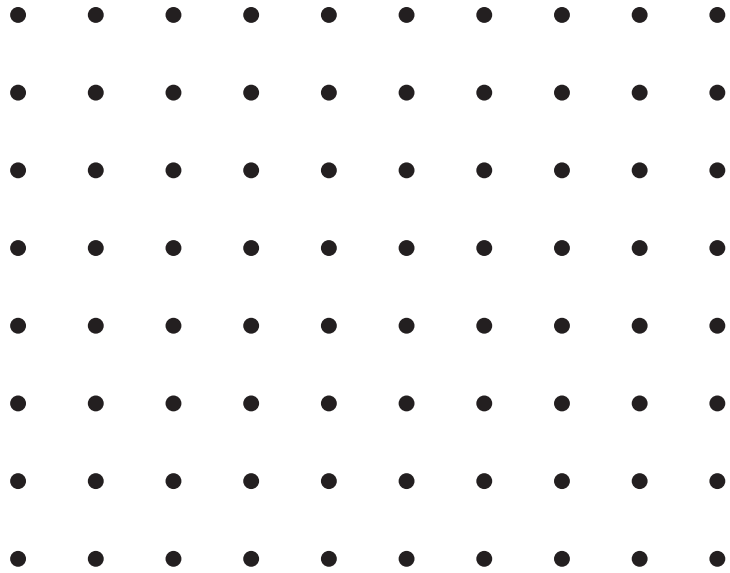


Colorful Quilts

1.



2.



Name _____

Colorful Quilts

Your Challenge

1. Juno and Kerry are each making a quilt from colored squares. The quilts are the same size, but Kerry makes her quilt out of smaller squares than Juno. Both quilts have the same amount of red. Show what each child's quilt could look like on the **Recording Sheet**.

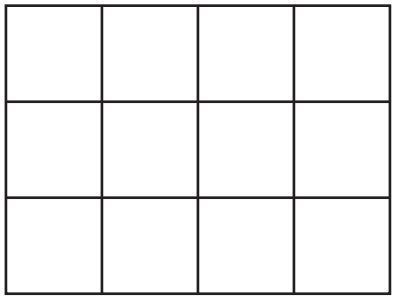
2. What fraction of each quilt is red? Show or explain how you know.

3. Benny and Leah are also making quilts from colored pieces. Leah makes her quilt using triangles instead of squares. Her quilt is the same size and has the same amount of red as Benny's quilt, but it has a different amount of red than Juno's quilt. What are possible designs for Benny's and Leah's quilts? Show what each child's quilt could look like on the **Recording Sheet**. What fraction of each quilt is red?

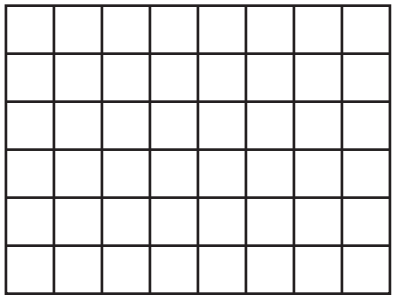
Colorful Quilts

1.

Juno's Quilt



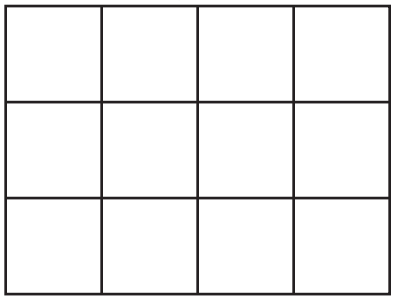
Kerry's Quilt



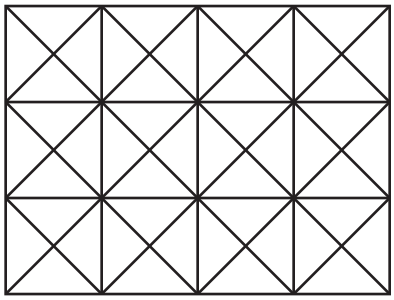
2.

3.

Benny's Quilt



Leah's Quilt

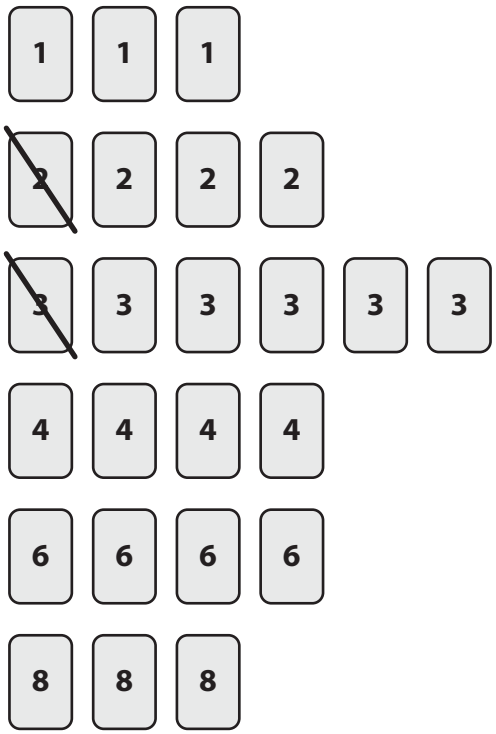


Enrichment Activity

Name _____

What Fractions Go in the Box?

The number cards below can be used as either the numerator or denominator of a fraction. Use each number card only once. Write three different fractions in each box on the **Recording Sheet**. (One fraction is done for you.)



Name _____

What Fractions Go in the Box?

Fractions $< \frac{1}{2}$	Fractions $= \frac{1}{2}$
Fractions between $\frac{1}{2}$ and 1 $\frac{2}{3}$	Fractions > 1