

## Quilt Color Ratios

Select 25 post it notes using a combination of all 4 colors and design your quilt.

Enter the amounts in the chart below-----please use the method of  $\frac{\text{color}}{\text{total}}$  and  $\frac{\text{color}}{\text{color}}$ . The methods of color : total and color : color are not wrong. It will just be easier to compare ratios if the terms are set in fraction form

Pay attention to exactly what the ratio requires.

Total amount of post it notes (not a ratio, just a total count)	
Pink to total $\frac{\text{amount of pink}}{\text{total amount}}$	Pink to Green $\frac{\text{amount of pink}}{\text{amount of green}}$
Blue to total	Blue to Orange
Green to total	Green to Orange
Orange to total	Orange to Blue
	Pink to Green
	Blue to Green

Now that you've got the hang of writing ratios, let's add a horizontal row and a vertical row to our quilts.

Use your original color to total ratio and set it equal to the new amount. Use the fraction form  $\frac{\text{Pink}}{25} = \frac{x}{36}$

Make original ratios to make equivalent ratios with the new totals

Write a paragraph describing this activity and post your quilt on the bulletin board

