

Name _____

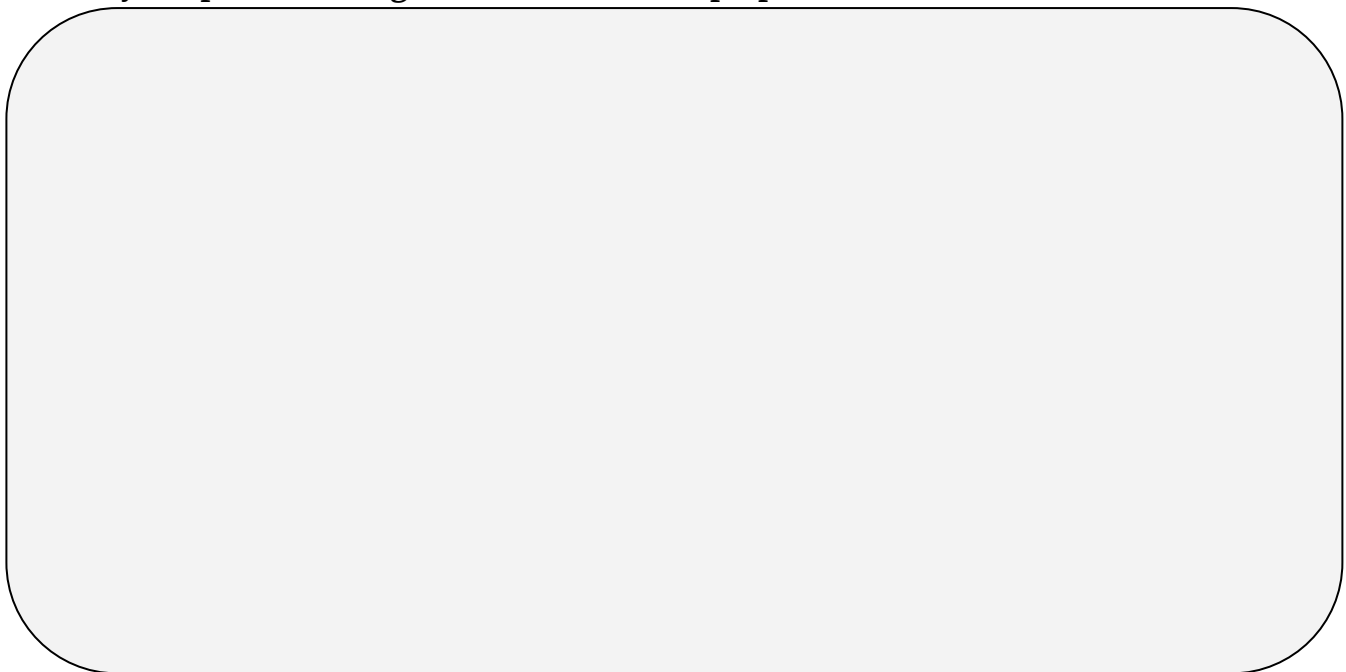
Date _____

***Fractions In Disguise?* Anticipation Guide**

Read each statement. Before we read the story, check if you agree with the statement or if you disagree. At the end of our activity, you will reread each statement and again answer whether you agree or disagree.

Before Reading			After Reading	
Agree	Disagree		Agree	Disagree
		The types of patterns that exist in art, math, and science are related.		
		Knowing more about fractions can help me be a better designer.		
		The relationship between decimals and fractions is easy to determine when the denominator is 10 or 100.		
		Designing visuals for math concepts helps understanding.		

Sketch your pattern design. Make sure to keep up with fractions of colored beads.



Color of Beads: Fraction Denominator -- 100	Converted to a Decimal Hundredths Place	In \$ or %

Put the decimals in order from largest to smallest.

Decomposition: is breaking a complex problem or system into parts that are easier to conceive, understand, program, and maintain.

Algorithm: a process or set of steps or rules to be followed to complete a task
 Decompose the algorithm for creating your pattern so that others may replicate it.

My pattern is called: _____

The steps to complete this task are:

