**DAY #4:**

**Overview:**  Multiplying and Dividing Fractions

**Estimated Time:** Approximately 45 minutes

**Explanation:**Today you will review how to multiply and divide fractions. Then, you will apply your knowledge.

**Things to know:**

* Fractions have a numerator (top number) and a denominator (bottom number).
* When multiplying fractions, multiply the numerators. Then, multiply the denominators. Simplify the answer, if you are able.

* When dividing fractions, write your number model. **Keep** the first fraction as is, **change** the division sign to a multiplication sign, finally **reciprocate or flip** the second fraction. Multiply the fractions and simply, if needed.

**Tasks:**

* Continue recording the daily temperature on your chart.
* Self-made Questions:
	+ You will need your number cards for this activity.
	+ Take a pencil, pen, straw, etc. and place in in front of you to make a horizontal line. Place another pencil, pen, marker, straw, etc. and place in in front of you to make another horizontal line.
	+ Flip over one number card and place it above one of the horizontal lines. Flip over a second number card and place it below one of the horizontal lines. Continue until you have two fractions.
	+ Multiply or divide the fractions.
	+ Repeat 8 times.
* Catering Company Activity:
	+ Imagine you are the owner of a catering company. Choose a recipe that you will make for a party. Consider a recipe that you would enjoy eating.
	+ Your customer just called and said they need to triple the amount of people at the party. Multiply each of the ingredients by 3 ($\frac{3}{1}$ as a fraction 😊) and rewrite the ingredients list.
	+ Your customer just called and said that five times as many people are coming to the party. Multiply each of the ingredients by 5 ($\frac{5}{1} $ as a fraction) and rewrite the ingredients list.
* Optional activity, play “SatisFraction” at <http://www.gregtangmath.com/satisfraction>

**\*\*\*There are no worksheets for today. Everything is done using your number cards and a blank piece of paper. Have fun!**