

Names \_\_\_\_\_

Date \_\_\_\_\_

Hour \_\_\_\_\_

Table Name \_\_\_\_\_

## *Kaleidoscope Milk Lab*

### **What I know!**

1.

2.

3.

4.

5.

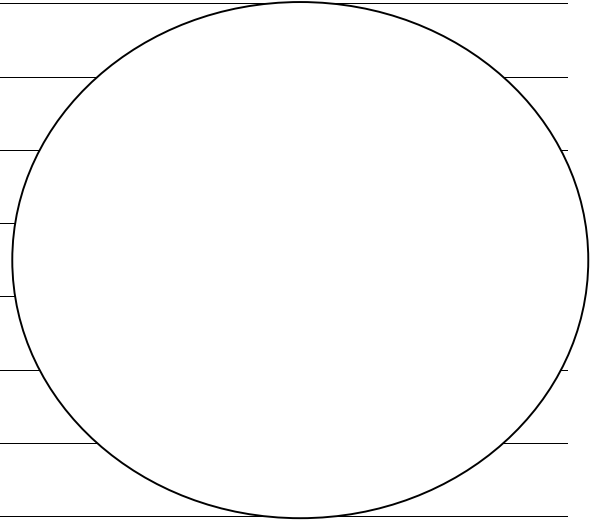
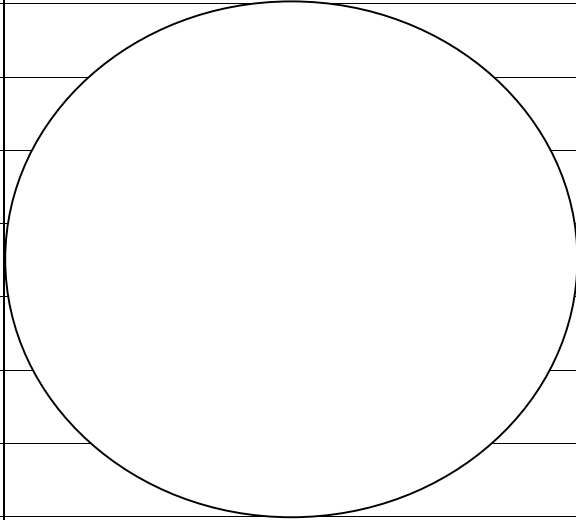
### **Information on Types of Milk**

- Skim - 0g of fat per 250 mL of Milk
- 2% - 2g of fat per 250 mL of milk
- Whole Milk - 8g of fat per 250 mL of milk
- Half and Half - 8g of fat per 2 Tablespoons of milk

# Experimental Observations:

Skim Milk (Before with food coloring)

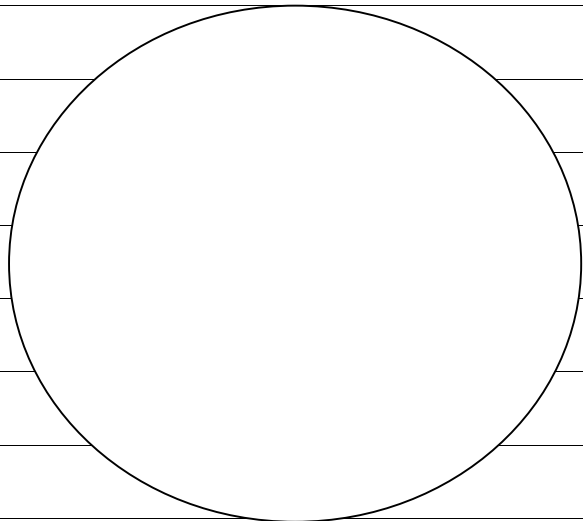
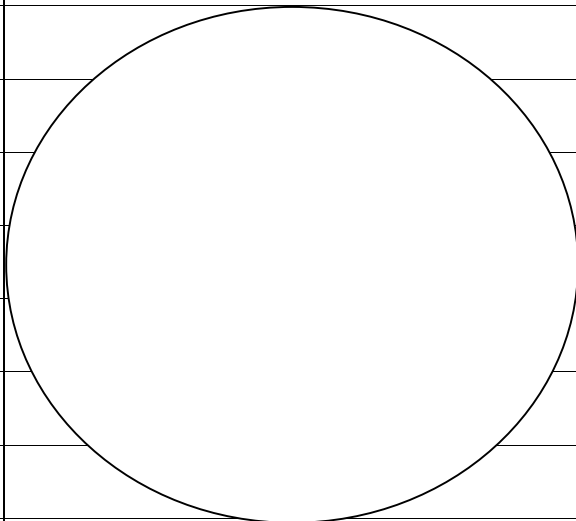
Skim Milk (After with food coloring and soap)



Observations: Write at least two sentences.

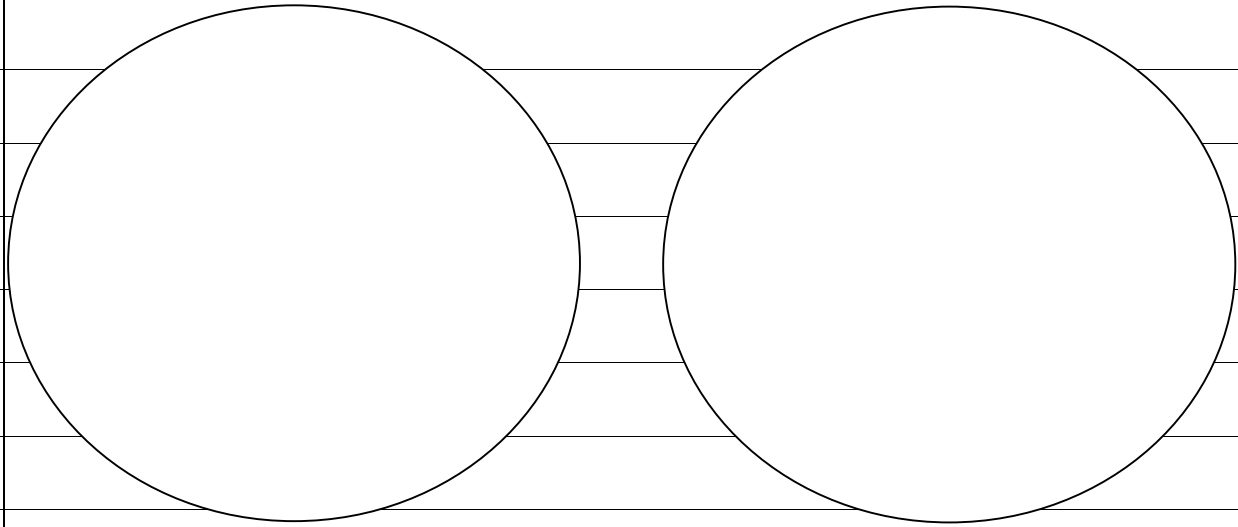
2% (Before with food coloring)

2% (After with food coloring and soap)



Observations: Write at least two sentences.

**Whole Milk (Before with food coloring) Whole Milk (After with food coloring and soap)**



**Observations: Write at least two sentences.**

**Procedure:**

1. You are going to get a petri dish from me, with Skim Milk.
2. You and your table partners are going to add food coloring to it. You will add one drop of each kind of food coloring in four corners of the dish.
3. Draw what this looks like on your paper.
4. When I say it is time you will dip a toothpick in soap and you will allow one drop to fall into the center of the milk.
5. Draw what this looks like on your paper.
6. Write two sentences describing the change in the petri dish in the observations section of your paper.
7. You will repeat these steps for 2% and whole milk.

**Conclusions: What do you think is happening? Needs to be at least two sentences.**