Sugar Density Column Lab Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TASK: Create a density column using 4 different colored layers.

MATERIALS:

* 4 – 100 mL beakers
* test tube
* test tube rack
* sugar
* warm tap water
* food coloring
* 1 stirrer/stick
* 1 pipette/dropper



DIRECTIONS:

1. Use proper lab procedures.
2. Avoid cross contamination of colors.
3. Each beaker will need 60 mL of warm tap water.
4. Add 2-3 drops of food coloring per beaker to create a different color in each beaker.
5. Choose the order of the colors.
6. Determine how much sugar to add to each color.
7. Add sugar solutions slowly down the side of the test tube using the pipette/dropper.
8. If time allows, you may do multiple trials.
9. Record your data in the table below.

DATA:

OBSERVATIONS AND NOTES:

**Trial 1 Trial 2 Trial 3**