

Name: _____

Group # _____

Masses of Graduated Cylinders (g)			Trial	Size of Graduated Cylinder	Volume of Water	Mass of Water + Graduated Cylinder	Mass of Graduated Cylinder	Mass of Water	Density = Mass/Volume
mL	plastic	glass	#	mL	mL	g	g	g	g/cm ³
10			1						
25			2						
50			3						
100			4						
			5						
			6						
			7						
			8						
			9						
			10						
Once you have collected all of your data, enter your information to Google Sheets.									

Directions:

- 1 Using your TBB, find the mass of the empty graduated cylinders before you add any water.
- 2 Record the masses of all of your DRY graduated cylinder in the table.
- 3 Using any graduated cylinder, add any volume of water and enter your data on the chart.
- 4 Find the mass of the graduated cylinder with water in it.
- 5 Record the mass of the graduated cylinder and the mass of the water will be automatically calculated (Refer to data table)
- 6 Density of the water will be calculated automatically using the formula $D = M \div V$
- 7 Repeat for 10 trials.