Name:	
	Dor:

Density Lab

IV. Data (be sure to add units)

Tap H₂O

Mass of graduated cylinder: 23.15 g

Mass of graduated cylinder and water: ___50.65 g Volume of liquid in graduated cylinder: __28.1 mL

V. Calculations

Tap Water

Mass of Water

Mass of grad cyl and water	50.65g
-Mass of grad cyl	<u>-23.15g</u>
Mass of water	27.50g

Density Water

Density =
$$\underline{\text{Mass}}$$
 = $\underline{27.50g}$ = $0.979g/\text{mL}$
volume 28.1ml

Percent Error (1.00g/ml)

$$= [0.979g/mL - 1.00g/mL] \times 100$$

 $1.00g/mL$

$$= 0.02 \times 100 = 2\%$$