

LABORATORY REPORT SHEET

Name _____ Date _____ Lab Section _____

Your metal (Ag, Cu or Al) _____

Calibration of Volumetric Flask (include units)

mass of flask _____

mass (flask + H₂O) _____

temp. of H₂O _____ density of water ($\frac{g}{mL}$) _____

Actual flask volume _____

Density of Solid (include units)

mass of flask _____

mass (flask + metal) _____

mass (flask+metal+ H₂O) _____

mass (metal) _____

mass H₂O(above metal) _____

vol. H₂O(above metal) _____

volume (metal in flask) _____

density (metal) _____

mean density _____ standard deviation _____

Size of your atom (based on average density)

mass (Unit Cell) (g) _____ volume of Unit Cell (pm³) _____

length of Unit Cell edge (pm) _____ radius of atom (pm) _____