

Name: \_\_\_\_\_

Student id: \_\_\_\_\_

1114 Section: \_\_\_\_\_

Date: \_\_\_\_\_

## Density

### Problem 1: Density of

Purpose:

Apparatus:

(The photo of the apparatus is at the end of this report.)

Data:

Calculations:

The reference density

The percentage discrepancy between my result and the reference value is

$$\text{percentage discrepancy} = \frac{|\text{your } \rho - \text{reference } \rho|}{\text{reference } \rho} \times 100\% =$$

Conclusion:

## **Problem 2: Density of**

Purpose:

Apparatus:

(The photo of the apparatus is at the end of this report.)

Data:

Calculations:

The reference density

The percentage discrepancy between my result and the reference value is

$$\text{percentage discrepancy} = \frac{|\text{your } \rho - \text{reference } \rho|}{\text{reference } \rho} \times 100\% =$$

Conclusion: