Chemistry Unit 1

Name _____ Period Date

Linear Fit For: metal A:mass 100 mass (g) 50 Linear Fit For: metal B:mass 0 volume (mL)

Density Worksheet

1. Use the graph above to determine the density of metal A and metal B. Show all your work and include appropriate units.

10

15

2. Use the graph to

0

- a. estimate the mass of 8.0 cm³ of metal A.
- b. estimate the volume of 70 g of metal B._____
- c. Use the density of metal B to determine the answer to 2b. Show your work and include units.