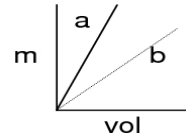


DENSITY Worksheet

Name _____

Directions: Answer The following questions.

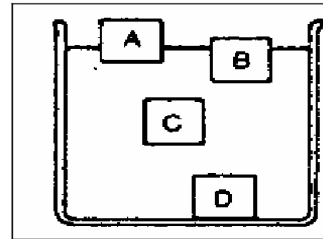
1. In the diagram at right, which line, a or b, has a steeper slope? _____



2. Which substance, a or b, is *least* dense? _____

3. The density of an aluminum bar is 2.7g/cm^3 . If I cut the bar in half, what is the density of each half? _____

4. This diagram shows a container of water with objects A, B, C and D. Which object, A, B, C or D, is most likely ice? _____



5. Which object is more dense than water? _____ How do you know? _____

6. Which is less dense than ice? _____

7. Which has about the same density as water? _____

8. Answer the question below in this space _____

The diagram below represents two beakers, each containing an ice cube and a clear liquid. In beaker A the ice cube floats, and in beaker B the ice cube rests on the bottom. What is the most probable cause for the difference in behavior of the ice cubes in the two beakers?

