

Study Guide for Unit 5 Test

1. What is the difference between heterogeneous mixtures and homogeneous mixtures.
2. What is the difference between a substance and a mixture?
3. What is density?
4. Be able to identify these characteristics of solids:
 - a. Hardness
 - b. Brittleness
 - c. Tensile strength
 - d. Malleability
 - e. Elasticity
5. Explain why ice floats in water
6. What is Archimedes' Principle?
7. What is viscosity?
8. What is the difference between high viscosity and low viscosity?
9. What is Boyle's Law?
10. What is Charles' Law?
11. Be able to match these words to their definition:
 - a. Element
 - b. Atom
 - c. Mass
 - d. Compound
 - e. Matter
 - f. Molecule
12. Be able to match these words to their definition:
 - a. Archimedes' Principle
 - b. Buoyancy
 - c. Density
 - d. Fluid
 - e. Malleability
 - f. Viscosity