Chapter 2 HW Answers

Unit E Chapter 2, Lesson 1 Answers:

1) Possible answers are mass, size, shape, volume

2) The ability to be drawn into thin threads

3) Because only the size and shape of the sandstone is changed; none of the chemicals that it is composed of are altered.

4) Yes! The density of the object is less than the density of air and therefore lower than the density of water. Objects float in liquids or gases that have a greater density than the objects themselves.

5) C, Malleable!

Unit E Chapter 2, Lesson 2 Answers:

1. Possible answers: the formation of new substance; production of gas/smoke, light or heat, color change, odor
2. A decomposition reaction
3. They are coated with a metal that is more reactive or sealed with a layer of unreactive metal
4. No! Oxidation reactions take place when the atoms of a substance lose electrons, and this loss can occur without oxygen
5. C, Freezing it!

Unit E Chapter 2, Lesson 3 Answers:

1. A compound is a pure substance whose elements cannot be separated by physical methods; a mixture is made up of two or more pure substances that can be separated from each other by physical methods
2. Density
3. Any allow, such as brass, bronze, pewter, steel
4. The temperature o the solution should be lowered to the higher of the two melting points. At this temperature one substance will solidify and the other will remain a liquid
5. C, Colloids!