Review questions for the quiz on properties and changes:

* Name a property that is both a chemical property and an intensive property.
* Name a property that is both physical and extensive.
* Name a chemical change that occurs in an automobile.
* Name a physical change that occurs in automobiles.
* Give an example of a homogeneous mixture that you might see at the gym.
* Give an example of a heterogeneous mixture that you might see if you were to go to Mars.
* Describe the following properties in terms of being chemical/physical and intensive/extensive. Example: Length is physical, extensive property.
  1. Density
  2. Boiling point
  3. Flammability
  4. Solubility
  5. Hardness
  6. Resistance to corrosion
  7. Mass
  8. Color
* Why are heterogeneous mixtures generally easier to separate than homogeneous mixtures?
* Define the following terms:
  1. Element
  2. Compound
  3. Homogeneous mixture
  4. Heterogeneous mixture
  5. Solution
* List three things that are evidence that a chemical change has occurred.
* What is the difference between a chemical property and a chemical change?
* The term “chemical reaction” can be said to be another term for what?
* Indicate whether each of the following is a physical change or chemical change:
  1. A penny is heated until it melts
  2. A slice of bread gets moldy
  3. Two teaspoons of sugar are dissolved in a cup of coffee
  4. Your cat vomits