



Sample Quiz: Lesson 4

*Students answer quiz questions online, where they are **automatically graded**. The quizzes are designed to help the student test their own knowledge of the material. They should use the weekly comprehension quizzes as an opportunity to see where there are weaknesses in understanding so they can go back and study these areas. There will be four quarterly exams.*

These will be longer and more comprehensive tests, but the course contains study guides to help students study all the important material. The exam grades are final —grades cannot be reset without the parents' request. As a parent, you can log in to your own account dashboard and click on "Student Management" to see the grades for each quiz.

1. _____ is anything that has mass and takes up space.
 - a. Matter
 - b. Pure substance
 - c. Atom
 - d. Mixture

2. Which is *not* something that makes weight different from mass
 - a. Weight is the measure of the amount of “stuff” in an object
 - b. Weight is the amount of force exerted on an object due to gravity
 - c. Weigh is place-dependent
 - d. Weight is measured in Newtons

3. _____ are substances that cannot be broken down further by physical means.
 - a. Matter
 - b. Pure substances
 - c. Homogeneous mixtures
 - d. Heterogeneous mixtures

4. _____ are the smallest units of elements.
 - a. Compounds
 - b. Atoms
 - c. Pure substances
 - d. Mixtures

5. _____ have particles that are physically combined and evenly distributed.
 - a. Matter
 - b. Pure substances
 - c. Homogeneous mixtures
 - d. Heterogeneous mixtures

6. _____ are unevenly distributed and easily separated.
- a. Matter
 - b. Pure substances
 - c. Homogeneous mixtures
 - d. Heterogeneous mixtures
7. Glue is an example of a:
- a. element
 - b. compound
 - c. homogeneous mixture
 - d. heterogeneous mixture
8. Which of the following is an example of a physical change?
- a. Sharpening a pencil
 - b. Burning a log
 - c. Baking a cake
 - d. Digesting food
9. Which of the following is an example of a chemical change?
- a. Evaporating water
 - b. Iron rusting
 - c. Cutting paper
 - d. Dissolving sugar
10. The formation of a precipitate is a good indicator of a chemical change.
- a. True
 - b. False