

Chapter 9 Take Home Quiz  
Due:

Name:  
Period:

1. If all atoms of a sample of matter are alike, the matter is a(n) \_\_\_\_\_.
2. Substances made from a chemical combination of two or more elements are called \_\_\_\_\_.
3. A mixture that is not the same throughout is called a(n) \_\_\_\_\_ mixture.
4. Which kind of property can be determined without changing the identity of a material?
5. A change in size, shape, or state of matter is called a(n) \_\_\_\_\_ change.
6. Rusting is a chemical change because iron and oxygen combine to form a new \_\_\_\_\_.
7. A change of one substance into a different substance is a(n) \_\_\_\_\_ change.
8. Which kind of property indicates whether a substance can undergo a certain chemical change?
9. Which law states that matter can be neither created nor destroyed during a chemical change?
10. The mass of substances remaining after a chemical change \_\_\_\_\_ the mass of substances present before the change.