Chapter 13 Study Guide

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| Element | Compound | Mixture |
| Atoms of only ONE kind  Sulfur  Chlorine  Oxygen  Helium  Hydrogen  Gold  Iron | Can be separated by CHEMICAL methods  Made from atoms of two or more elements that are combined CHEMICALLY  Contains the same proportions of different substances (there is a formula)  Can ONLY be made of elements  Water  Carbon dioxide  Copper Sulfate  Sugar | Can be separated by PHYSICAL methods  Contains a varying amount of elements and compounds (No formula)  Another name for a solution  Ingredients keep their properties  Copper and sulfur combined physically  A garden salad  Cereal with milk  Sugar water  Salt water |

For this test, you need to be able to accurately label items as an element, mixture, or compound. Below are some examples.

\*Make sure to look at your warm-up questions as well. There may be more examples you need to know!