Catalyst Exercise: 9/22/2014 1. Using Reference Table S, write the name for the symbol or the symbol for the name. a) Cu b) tin c) O d) nitrogen e) Ni f) gold

Oct 28-6:45 AM

Catalyst Exercise:

9/22/2014

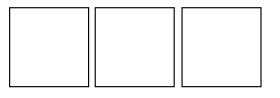
- 1. Define the terms: element, compound, and mixture.
- 2. Provide an example of an element, compound, and mixture.

Sep 24-6:55 AM

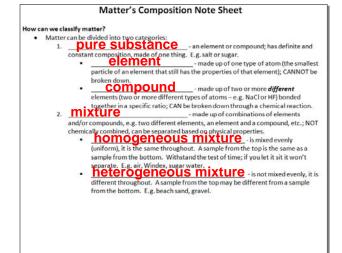
Catalyst Exercise:

9/24/2014

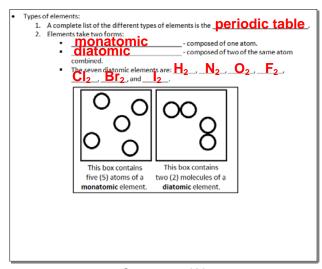
- 1. Have your homework out for me to check.
- 2. What are the seven diatomic elements?
- 3. Draw a particle diagram for each of the following samples.
 - a) 8 molecules of monatomic He
 - b) 4 molecules of diatomic H₂
 - c) 4 molecules of the compound H₂O



Sep 24-6:50 AM



Oct 28-6:48 AM



How is an element identified?

1. An element is identified by its atomic number the number of protons in the nucleus.

a. Every helium atom has an atomic number of 2.

b. Every atom of calcium has an atomic number of 2.

c. Every atom of gold has an atomic number of 2.

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Matter's Composition.notebook

September 25, 2014

•		oles of homogeneous mixtures:
	0	aqueous solution mixed with WATER; denoted by
		the symbol (aq). To separate this type of mixture we must use
		evaporation They are transparent
	0	you can see through them. a lov - a mixture of two or more metals. Used to enhance the
	U	properties of metals.
		properties of metals.

Oct 28-6:50 AM Oct 28-6:50 AM