

Describing Substances Review

1. Classify each of the pictures below by placing the correct label in the blanks below.
- A = Element
 B = Compound
 C = Mixture of Elements
 D = Mixture of Compounds
 E = Mixture of Elements and Compounds

a. Bb. Cc. Ed. De. Af. Bg. Ah. Ei. C

2. A mixture (is/**is not**) a chemical combining of substances.
3. In a compound the (atoms/^{will be on your quiz}molecules) are (**chemically**/physically) combined so that the elements that make up the compound (retain/**lose**) their identities and (**do**/do not) take on a new set of properties.
4. True or **False**: A mixture is always made up of a combination of elements.
5. In a mixture, the substances (lose/**retain**) their identities.
6. In a mixture the substances involved (**can**/cannot) be separated by a simple physical process.
7. In a compound the elements involved (can/**cannot**) be separated by a simple physical process because the elements are (physically combined/**chemically bonded**).
8. True or **False**: An element can be broken down into a simpler substance.

Unit 4 Describing Substances Worksheet 1

Mary Louise Turgeon



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