

Note-taking Worksheet (continued)**Section 3 Compounds and Mixtures**

A. Substance—Matter that has the same _____ and properties throughout

B. Compound—Substance whose smallest unit is made up of _____ element

1. _____—tells which elements make up a compound as well as how many atoms of each element are present

a. The subscript number tells _____ of the preceding element are in the compound.

b. No subscript is used when _____ of the element is present.

2. A given compound is always made of the same elements in the same _____.

C. Mixture—Two or more substances mixed together which don't make a _____ substance

1. Unlike in compounds, the _____ of the substances in a mixture can be changed without changing the identity of the mixture.

2. Examples: air, _____

3. Can _____ mixtures easily

4. _____ mixtures—the same throughout

5. _____ mixtures—you can see the different parts