

Chemistry 1 Learning Target 1: I can use properties of matter to organize and explain the patterns of the periodic table and use the periodic table to predict properties of matter.

Notes on Chemical Names & Symbols

Name: _____

What do chemical names and symbols tell you about matter?

Period ___ Date _____

* Elements

- A pure substance that _____
- Elements are the _____

*Of the 118 known elements _____

* Compounds

- A pure substance composed of _____
- Made of _____
- Can only be separated by _____

Compounds can be very different in appearance and behavior _____

Ex :

*Mixtures

- A combination of 2 or more _____

- Substances held together by _____
- Each item _____
- _____

Examples:

Elements	Compounds	Mixtures

* Chemical Names & Symbols

- Elements combine _____



- The first letter _____

- Compounds are represented _____

Chemical Formula :

Examples :

* Phase :

* Aqueous :

(s) = _____

(l) = _____

(g) = _____