

**All about Compounds**

* A compound is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ substance composed of 2 or more elements that are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ combined.
* Compounds - Have undergone a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_change
* Made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_called

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**All about Compounds**

* Compounds have a Specific \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_– according to their masses – is always the same.
* If the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ changes, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ changes.

Examples:

* + H2O
  + NaCl
  + CO2

**What We Know:** Atoms & Elements

* We know- that \_\_\_\_\_\_\_\_\_\_\_\_ are the smallest parts of elements.
* We know- that those elements are organized on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by specific \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* We know- that all atoms of an element have the same number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the nucleus.

**Atoms like to *share* Electrons**

* This takes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* This \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ them together
* This creates a new substance, called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .