

Elements and Compounds Video

Name: _____

Date: _____

- What can you find on the Periodic Table?
 - the chemical formula for salt
 - the number of hydrogen atoms that are in a molecule of water
 - all the compounds that exist in the universe
 - all the elements that have been discovered
- Which of the following cannot be broken down into something similar?
 - a compound
 - an element
 - a chemical formula
 - a mixture
- What needs to occur in order for elements to form a compound?
 - an elemental reaction
 - an atomic reaction
 - an electric reaction
 - a chemical reaction
- What does a subscript tell you?
 - the number of electrons in a compound
 - the number an element is on the periodic table
 - the number of atoms of a particular element that are in a compound
 - the number of elements on the periodic table
- If a compound has 2 atoms of aluminum (Al) and 3 atoms of oxygen (O), what would its chemical formula look like?
 - Al_3O_2
 - Al_2O_3
 - $2\text{Al } 3\text{O}$
 - $3\text{A } 2\text{O}$