

## Chemistry Unit Test - Self-Evaluation

I can classify matter as either a pure substance (element or compound) or a mixture (homogenous or heterogeneous)	Yes	Maybe	No
I know the chemical and physical properties of matter, and can use them to determine if a change is a chemical or physical change	Yes	Maybe	No
I know the structure of an atom (including electron positions), and can determine the number of protons, neutrons and electrons of an atom or ion from the Periodic table	Yes	Maybe	No
I can draw Bohr diagrams of atoms and ions	Yes	Maybe	No
I understand the patterns in the periodic table	Yes	Maybe	No
I can find the metals, non-metals, alkali metals, alkaline earth metals, halogens, and Noble gases on the periodic table and I know the general properties of each of these groups	Yes	Maybe	No
I understand how and why ions are formed, and can predict the charge on an ion based on its location on the Periodic Table	Yes	Maybe	No
I can write ionic formula if given the ionic name, including balancing charges, for ionic compounds involving elements, polyatomic ions and/or multivalent elements.	Yes	Maybe	No
I can write the ionic name if given the ionic formula	Yes	Maybe	No
I can differentiate between ionic and molecular compounds based on the name or formula for the compound	Yes	Maybe	No
I can write the name of a molecular (covalent) compound if given the formula, and can write the formula if given the name.	Yes	Maybe	No