

8th Grade Science Vocabulary Quiz 24

Write the word that best matches each definition or clue.

1. NEUTRON Neutrally charged particles located in the nucleus of an atom.
2. VALENCE ELECTRON An electron in the outer shell associated with an atom.
3. ATOMIC NUCLEUS The center of an atom; the home of the protons and neutrons; this is also where atomic mass comes from.
4. REACTIVITY The ability of an element to chemically react with another.
5. LUSTER The ability to reflect light off of a surface (shiny).
6. METALS The largest group of elements on the periodic table; elements that are: malleable, have luster and conduct electricity.
7. PROTON Positively charged particles located in the nucleus of an atom.
8. ATOMIC NUMBER This is the identity of an element; this is the number of protons an element has in it's nucleus.
9. ATOMIC MASS The number of protons and neutrons.
10. COMPOUND Two or more elements chemically combined.
11. ELECTRON SHELLS Regions surrounding the atomic nucleus containing a specific number of electrons.
12. ELECTRON Negatively charged particles with very little mass located in the electron cloud surrounding the nucleus of an atom.
13. GRAVITY The force that objects exert on each other because of their masses.
14. ATOM Basic unit of matter; smallest component of an element.
15. ELEMENT A pure substance made of only one type of atom.

element

reactivity

electron shells

valence electron

neutron

atomic number

atom

electron

atomic mass

compound

gravity

metals

luster

atomic nucleus

proton