

8th Grade Science Vocabulary Quiz 10

Write the word that best matches each definition or clue.

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

neutron
atom
electron shells
proton
metals

electron
gravity
valence electron
atomic mass
luster

atomic number
reactivity
compound
atomic nucleus
element