

8th Grade Science Vocabulary Quiz 17

- ___ The largest group of elements on the periodic table; elements that are: malleable, have luster and conduct electricity.
A.metals B.neutron C.atomic nucleus D.atomic mass
- ___ Basic unit of matter; smallest component of an element.
A.reactivity B.proton C.atom D.neutron
- ___ The center of an atom; the home of the protons and neutrons; this is also where atomic mass comes from.
A.atomic number B.electron C.atomic nucleus D.valence electron
- ___ The ability of an element to chemically react with another.
A.proton B.valence electron C.atomic nucleus D.reactivity
- ___ The force that objects exert on each other because of their masses.
A.electron B.gravity C.atomic mass D.element
- ___ Neutrally charged particles located in the nucleus of an atom.
A.luster B.neutron C.electron shells D.valence electron
- ___ An electron in the outer shell associated with an atom.
A.valence electron B.atomic mass C.proton D.atom
- ___ A pure substance made of only one type of atom.
A.atomic nucleus B.gravity C.proton D.element
- ___ The ability to reflect light off of a surface (shiny).
A.element B.neutron C.atomic mass D.luster
- ___ Regions surrounding the atomic nucleus containing a specific number of electrons.
A.neutron B.electron shells C.metals D.valence electron
- ___ The number of protons and neutrons.
A.valence electron B.gravity C.atomic number D.atomic mass
- ___ This is the identity of an element; this is the number of protons an element has in it's nucleus.
A.element B.electron shells C.atom D.atomic number
- ___ Positively charged particles located in the nucleus of an atom.
A.proton B.metals C.valence electron D.compound
- ___ Negatively charged particles with very little mass located in the electron cloud surrounding the nucleus of an atom.
A.electron shells B.neutron C.metals D.electron
- ___ Two or more elements chemically combined.
A.proton B.atomic number C.compound D.gravity