

## 8th Grade Science Vocabulary Quiz 24

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