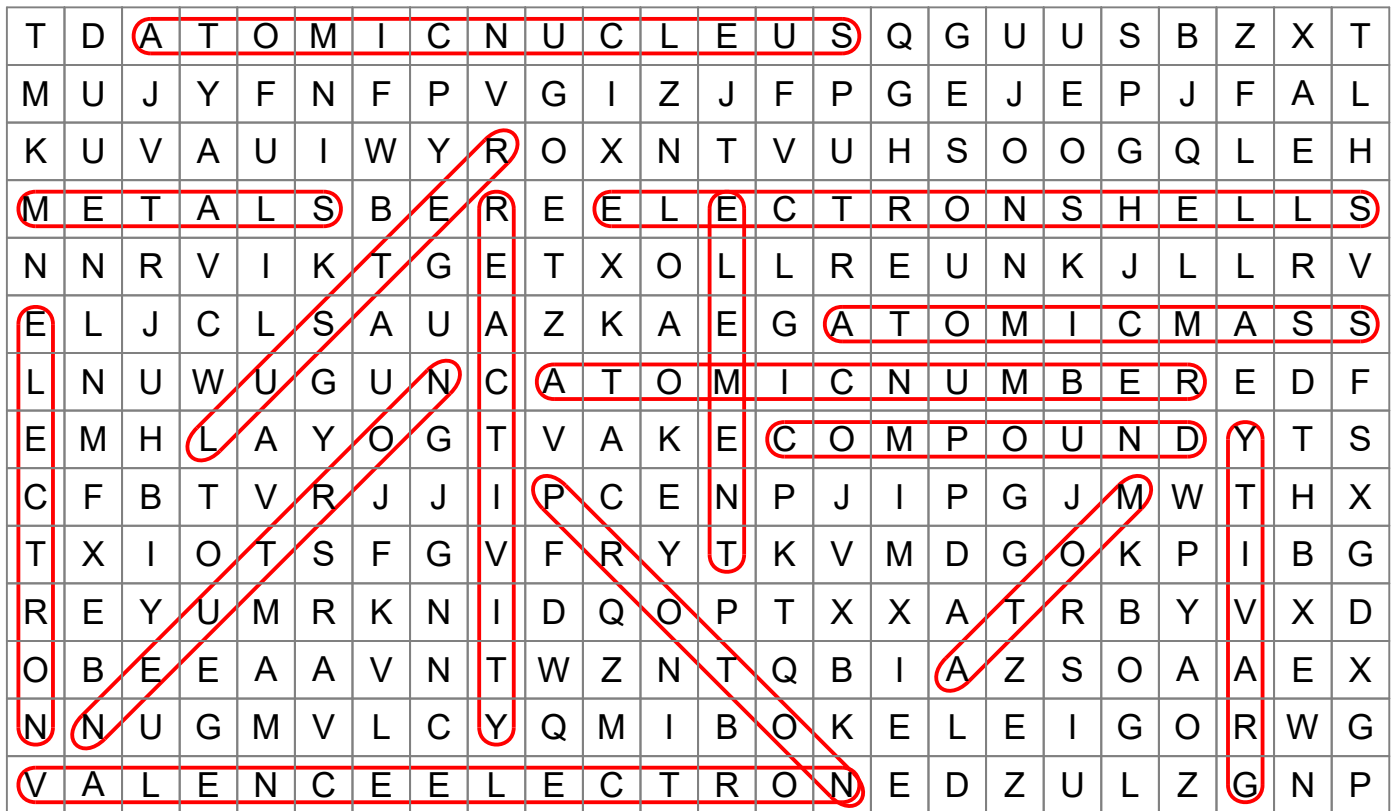


8th Grade Science Word Search 3

1. First, write the correct clue number to the left of each word in the Word Bank. Then, circle the words that have been hidden vertically, horizontally, and diagonally.



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

element

valence electron

metals

electron

atom

compound

atomic mass

proton

reactivity

gravity

atomic nucleus

neutron

luster

electron shells

atomic number