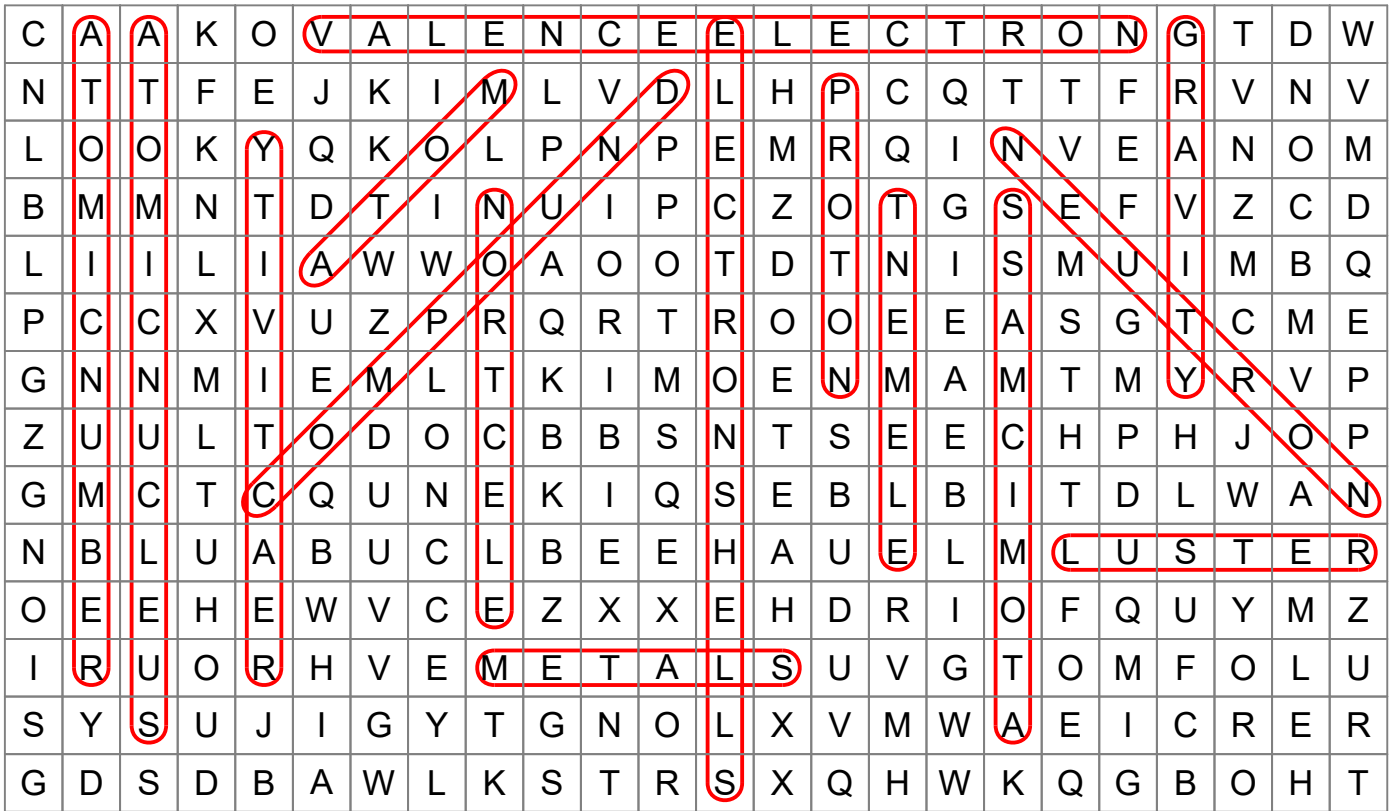


8th Grade Science Word Search 24

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

atomic nucleus
element
atom
electron shells

reactivity
atomic number
neutron
luster

atomic mass
valence electron
metals
compound

gravity
electron
proton