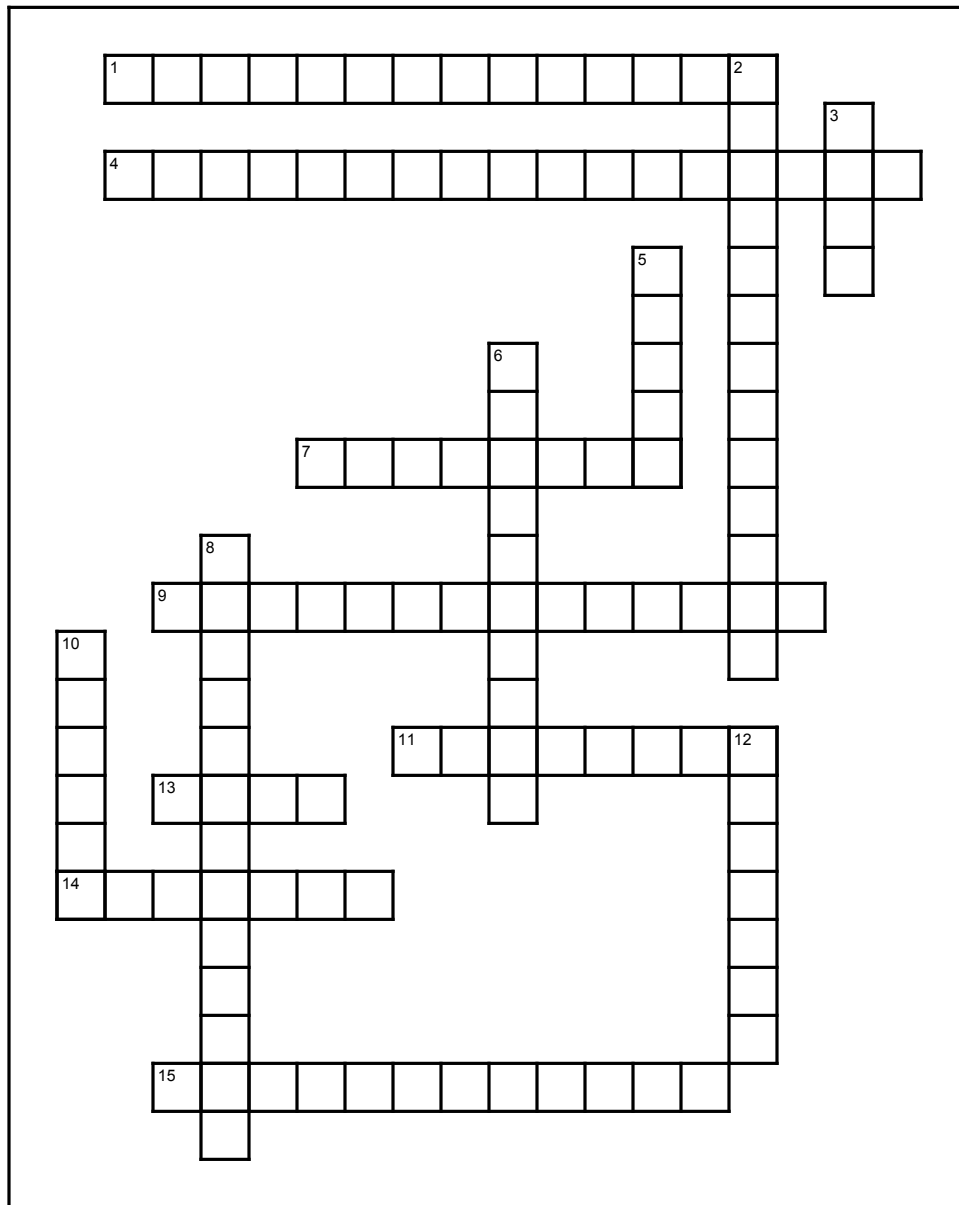


Atoms



Across

1. splitting of an atomic nucleus into two smaller nuclei of approximately equal mass
4. type of electricity that comes from stationary electrical charges
7. negatively charged particle within an atom
9. A type of radiation similar to x-rays; not composed of particles.
11. Benjamin _____ conducted a static electricity experiment with a key and a kite.
13. "Amu" stands for atomic _____ unit.
14. neutral particle within the nucleus of an atom
15. the number representing the number of protons in the nucleus of an atom

Down

2. The joining of two atomic nuclei to form a single nucleus of greater mass.
3. made of electrons, neutrons, and protons
5. negative ion
6. stream of particles originating from a cathode
8. spontaneous emission of radiation from an atom
10. positively charged particle within an atom
12. concentrated core of an atom