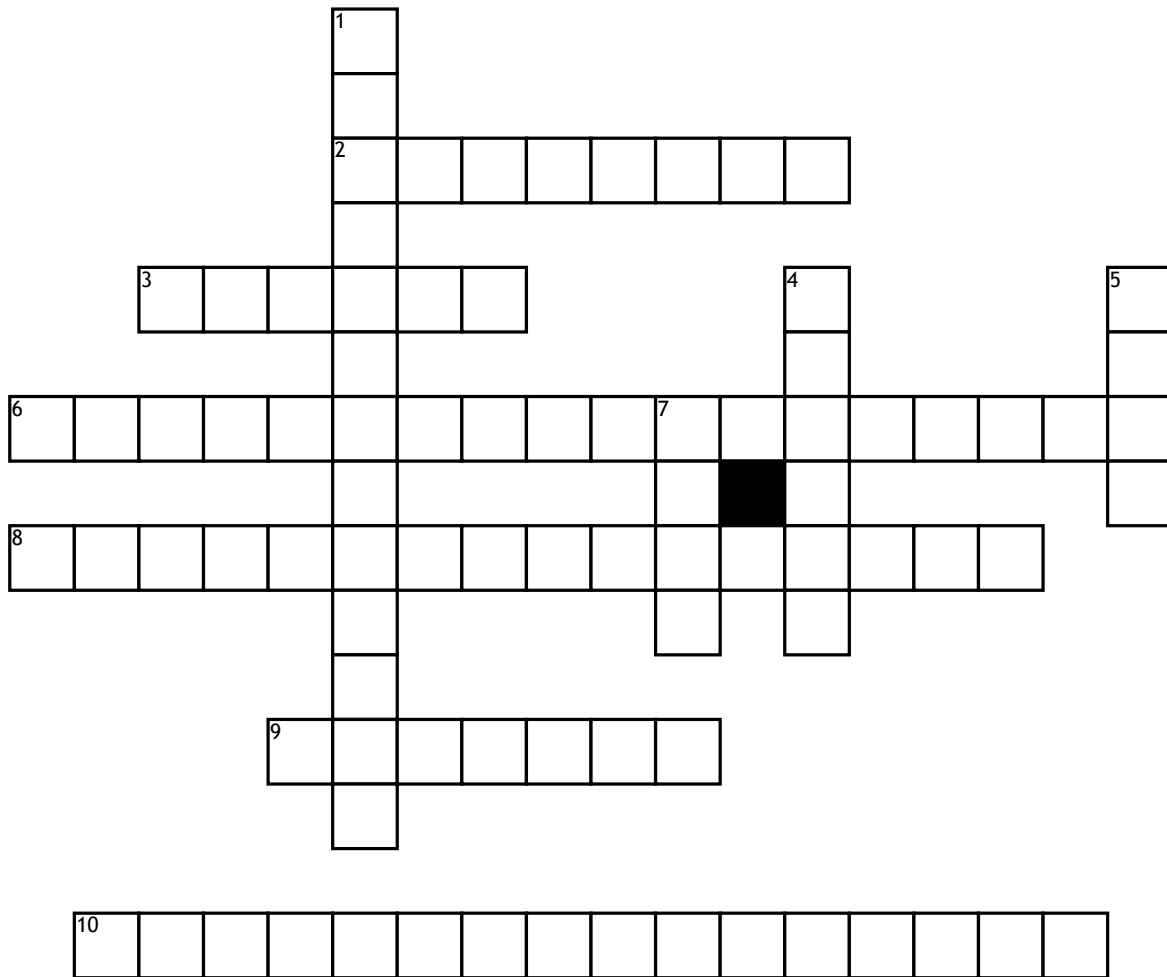


Name: _____

Date: _____

atoms



Across

- 2. located in energy levels or shells surrounding the nucleus of an atom and has a negative charge
- 3. Has a positive charge, in nucleus of atom.
- 6. the smaller parts of an atom-protons, neutrons, electrons
- 8. characteristics of a substance that describe its tendency to combine with other substances and form new ones:iron's ability to rust, paper's ability to burn
- 9. the center of an atom containing protons and neutrons

- 10. property of matter that can be observed without changing the composition or identity of the matter:color, size, shape, elasticity, mass, composition, volume, density

Down

- 1. in the electron cloud model of an atom, the region around the nucleus where an electron may be found
- 4. Anything that has mass and takes up space
- 5. the amount of matter in something
- 7. The smallest part of an element that has the same properties of the element.