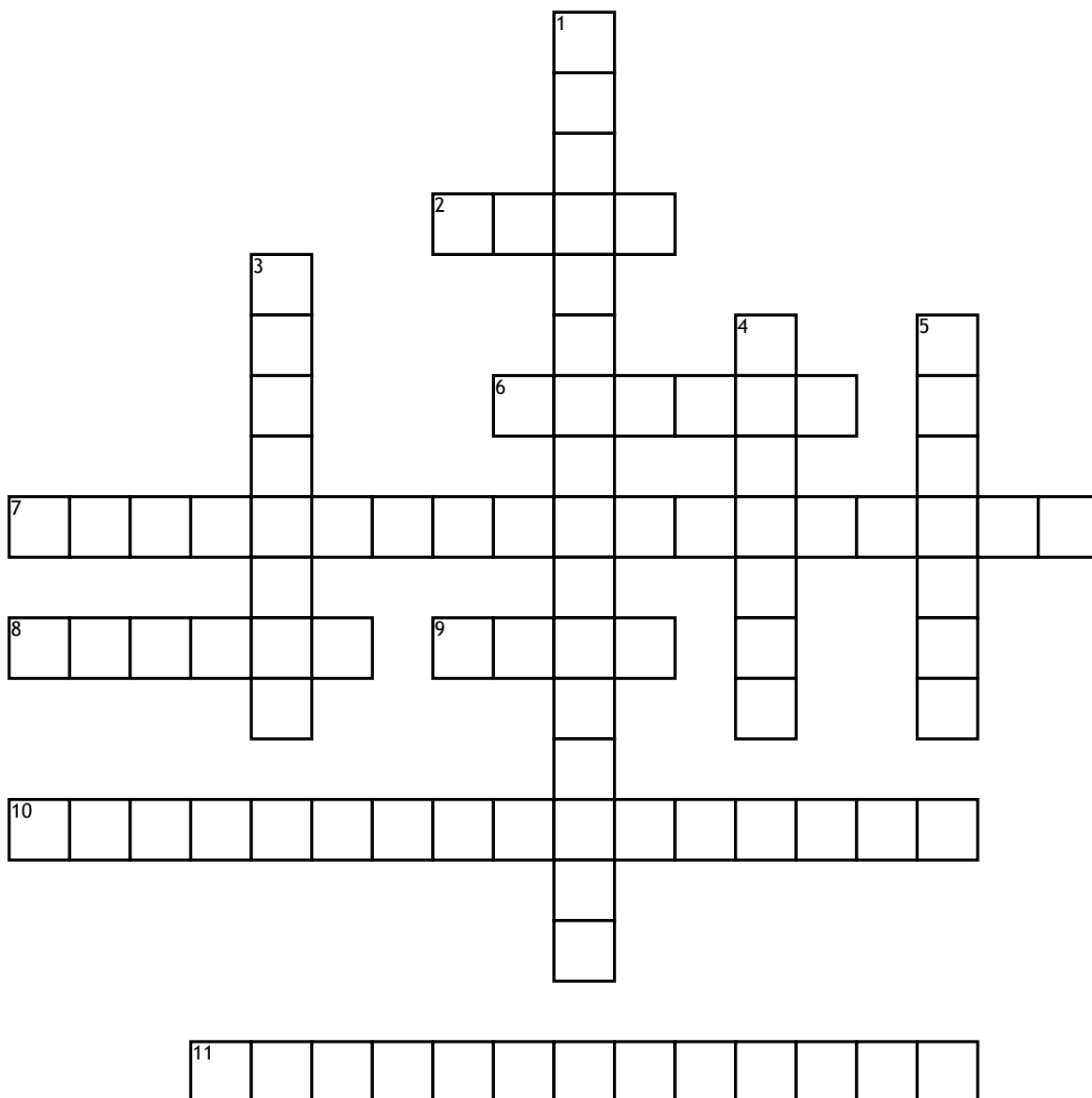


Name: _____

Date: _____

atoms



Across

2. the amount of matter in something
 6. Anything that has mass and takes up space
 7. the smaller parts of an atom-protons, neutrons, electrons
 8. Has a positive charge, in nucleus of atom. □□□
 9. The smallest part of an element that has the same properties of the element.
 10. 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

11. in the electron cloud model of an atom, the region around the nucleus where an electron may be found □□□

Down

1. property of matter that can be observed without changing the composition or identity of the matter:color, size, shape, elasticity, mass, composition, volume, density
 3. located in energy levels or shells surrounding the nucleus of an atom and has a negative charge □□□
 4. in the nucleus of an atom and has a neutral charge □□□
 5. the center of an atom containing protons and neutrons □□□