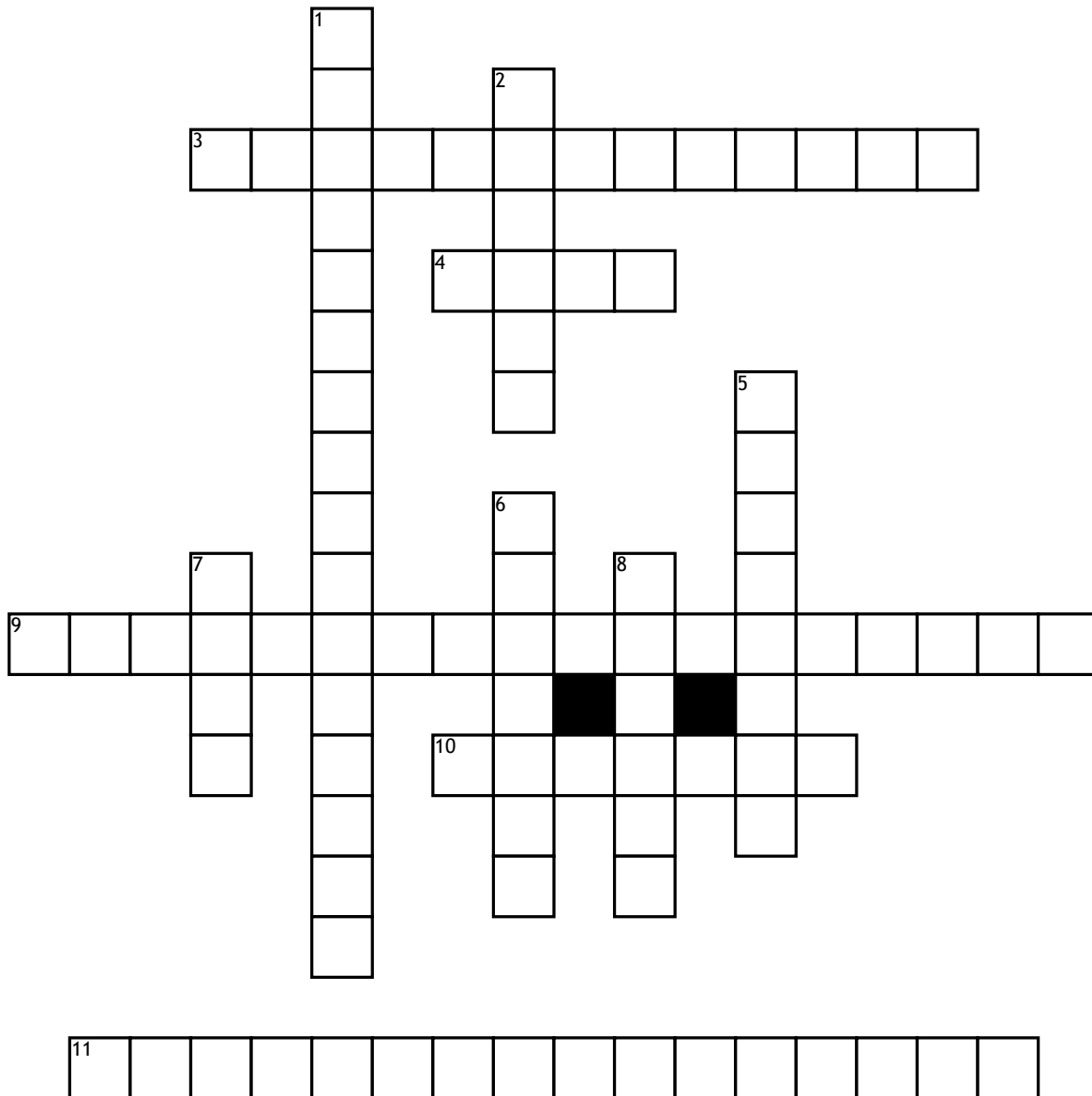


Name: _____

Date: _____

Matter



Across

3. in the electron cloud model of an atom, the region around the nucleus where an electron may be found
4. The smallest part of an element that has the same properties of the element.
9. the smaller parts of an atom-protons, neutrons, electrons
10. in the nucleus of an atom and has a neutral charge
11. 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. 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
2. Has a positive charge, in nucleus of atom.
5. located in energy levels or shells surrounding the nucleus of an atom and has a negative charge
6. the center of an atom containing protons and neutrons
7. the amount of matter in something
8. Anything that has mass and takes up space