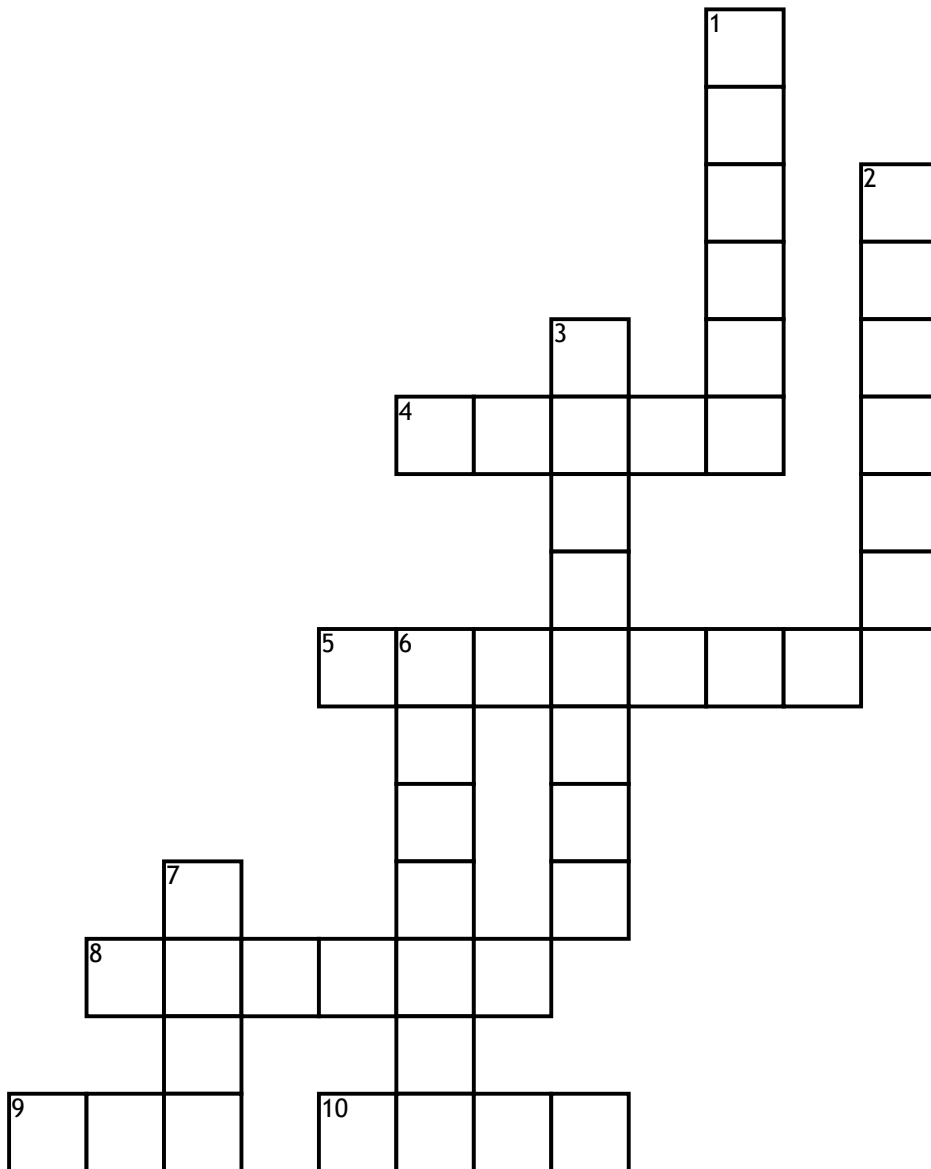


Name: _____ Date: _____ Period: _____

Matter: Properties and Change



Across

4. matter with a fixed volume and shape
5. a subatomic particle with no electric charge, located within the nucleus of the atom
8. material that has mass and takes up some amount of space
9. a state of matter without any defined volume or shape in which atoms or molecules move about freely
10. the smallest unit of an element that has the properties of that element (related word: atomic)

Down

1. a state of matter with a defined volume but no defined shape
2. a subatomic particle with a positive charge that is located in the nucleus of an atom
3. a subatomic particle with a negative charge
6. a pure substance that cannot be broken down into simpler substances by chemical reactions
7. the amount of matter in an object