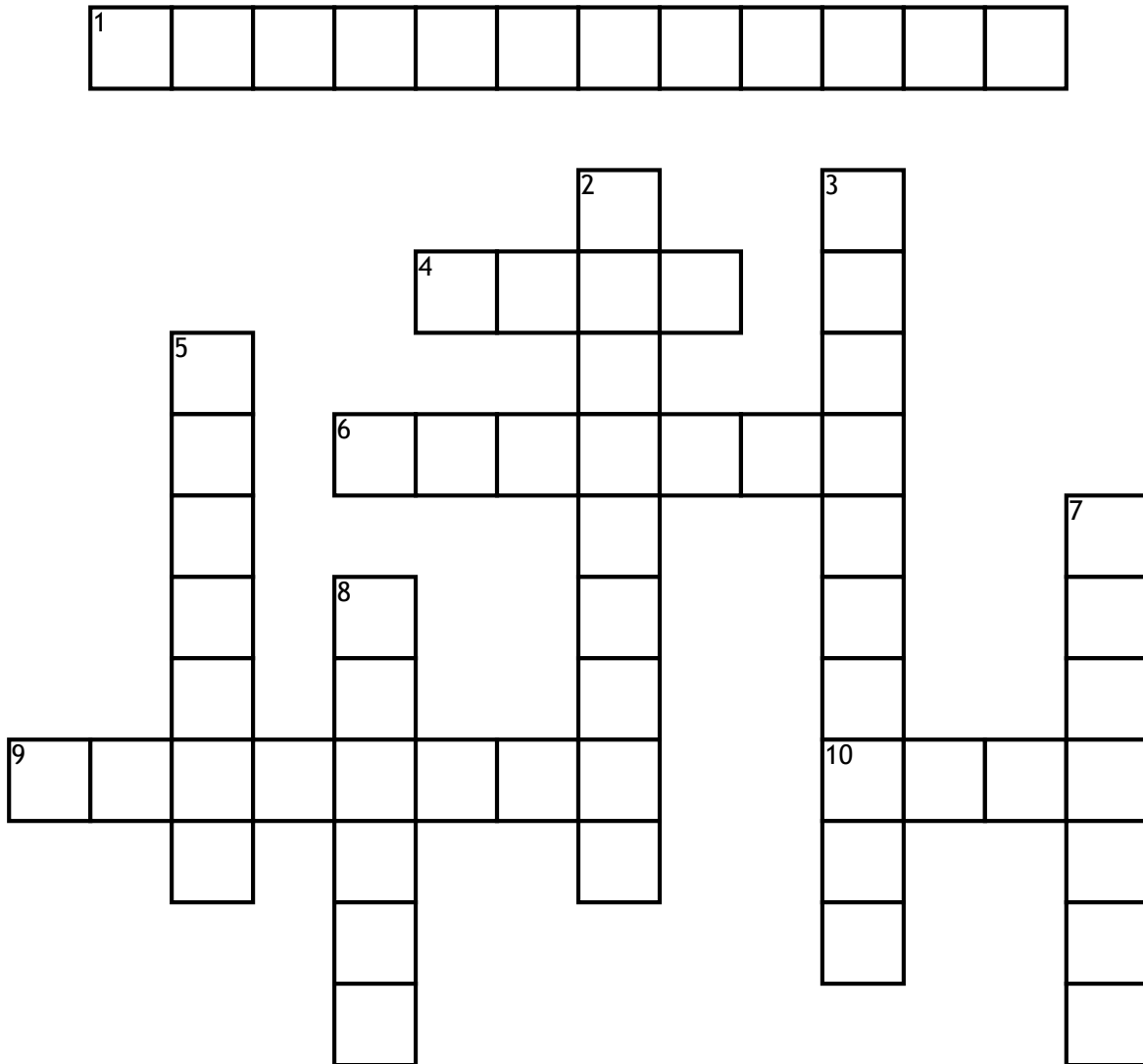


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Periodic Table Crossword Puzzle



## Across

1. the number of protons in the nucleus of an atom.
4. element represented with the symbol "Au"
6. element represented by the symbol "Ca"; atomic number is 20
9. element represented by the symbol H; atomic number is 1
10. have a central core (the nucleus) made up of smaller particles called protons and neutrons.

## Down

2. negatively charged subatomic particle; can be free or bound to the nucleus of an atom; represents energy levels
3. average mass of atoms of an element; isotopes
5. rows in the periodic table; seven rows currently
7. a substance whose atoms all have the same number of protons
8. elements in the same column; often share similarities