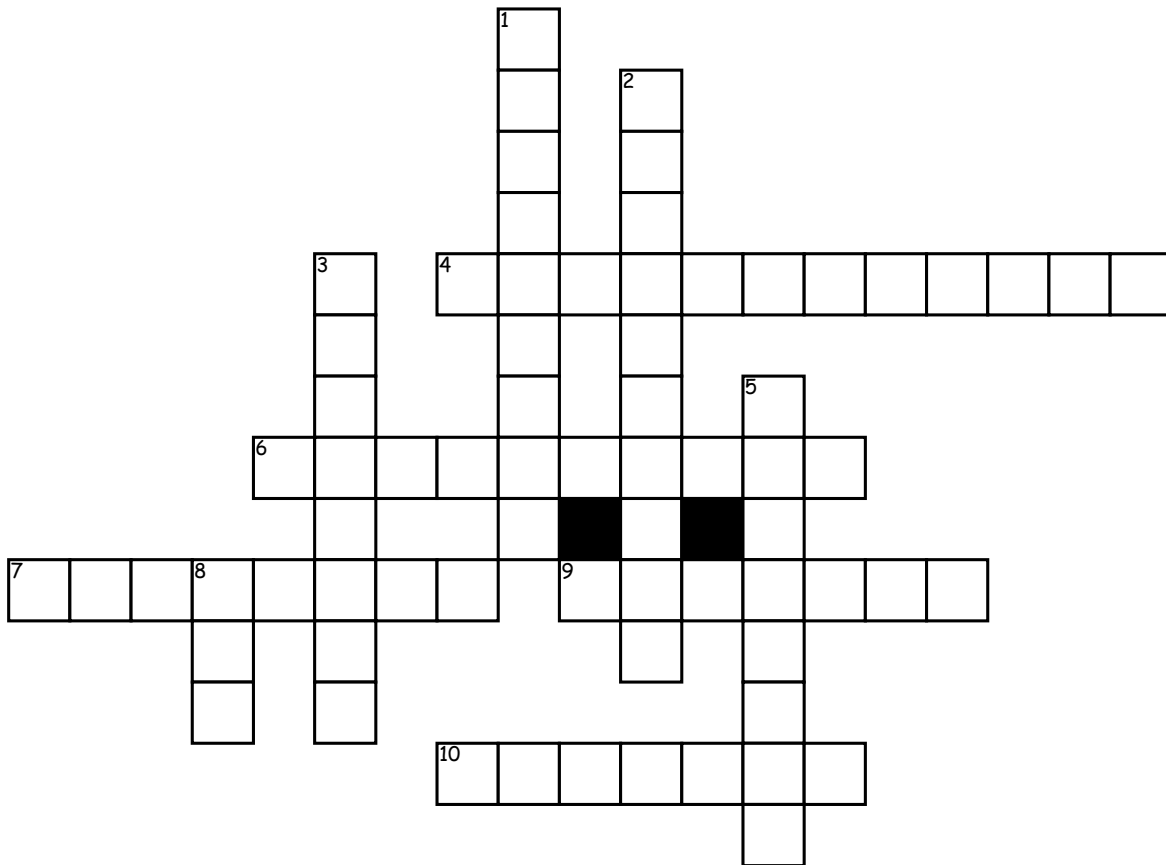


Name: \_\_\_\_\_

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

# Atomic Numbers



## Across

4. This tells you the number of protons in an atom
6. this is the sum of the protons and neutrons in an atom
7. the charge of an atom that has lost electrons
9. this is an atom with a different number of neutrons than the normal atom for a specific element
10. the atomic number is the number of these in an atom

## Down

1. a normal (neutral) atom has the same number of these as protons
2. this is the average mass of all the protons and neutrons in an atom
3. the charge of an atom that has gained electrons
5. to find the number of these, subtract the number of protons from the mass number
8. an atom that lost or gained electrons so that the number of protons & electrons is not the same