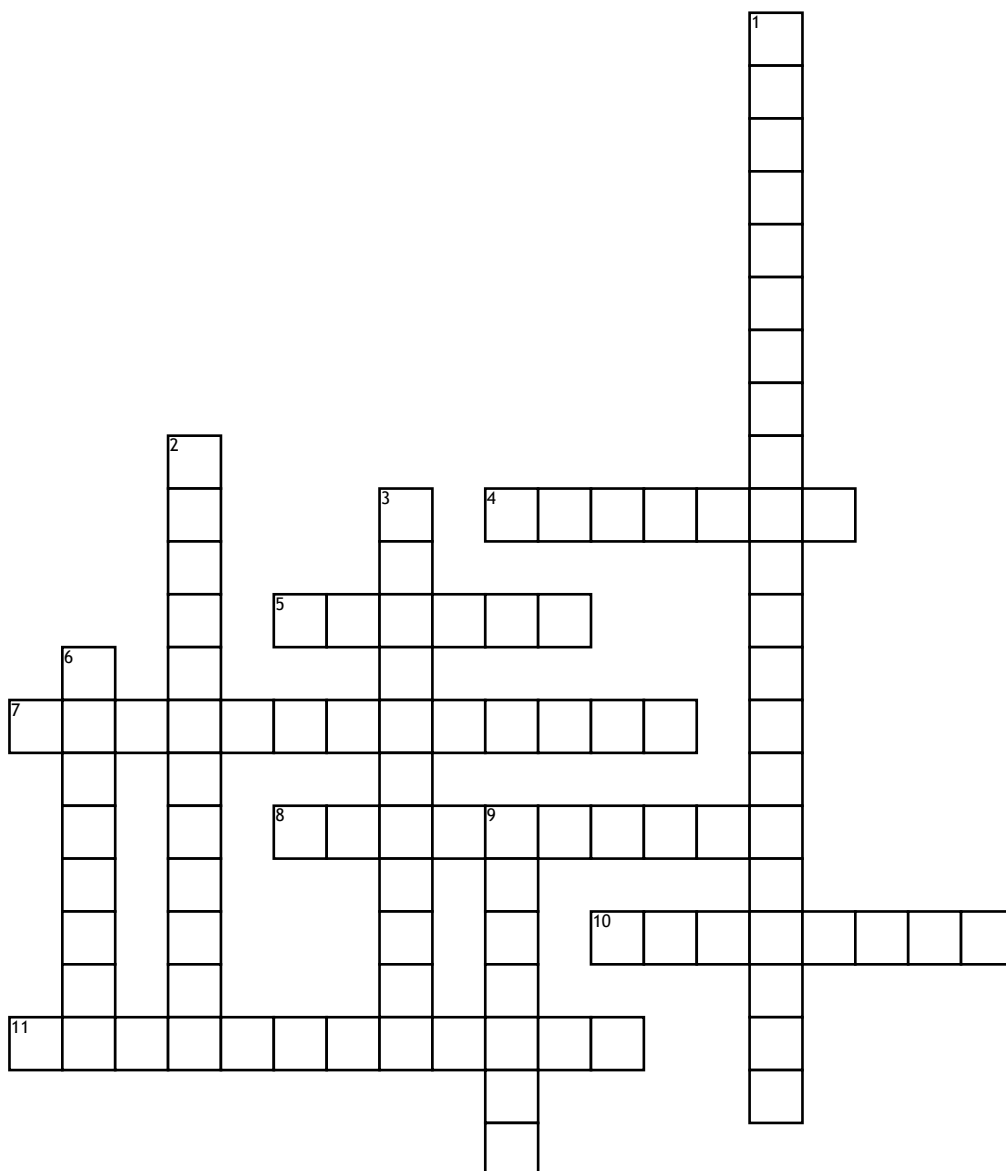


Name: \_\_\_\_\_

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

# Atomic Structure



## Across

4. a neutral subatomic particle that is found in the nucleus of an atom
5. a positively charged subatomic particle that is found in the nucleus of an atom
7. a visual model of the most likely locations for electrons in an atom
8. an atom is the sum of the protons and neutrons in the nucleus if that atom
10. are atoms of the same element that have different numbers of neutrons and different mass numbers

11. the possible energies that electrons in an atom can have are

## Down

1. the arrangement of electrons in the orbitals of an atom
2. an element equals the number of protons in an atom of that element
3. an atom have the lowest possible energies
6. a negatively charged subatomic particle that is found in the space outside the nucleus
9. is a dense, positively charged mass located in the center of the atom