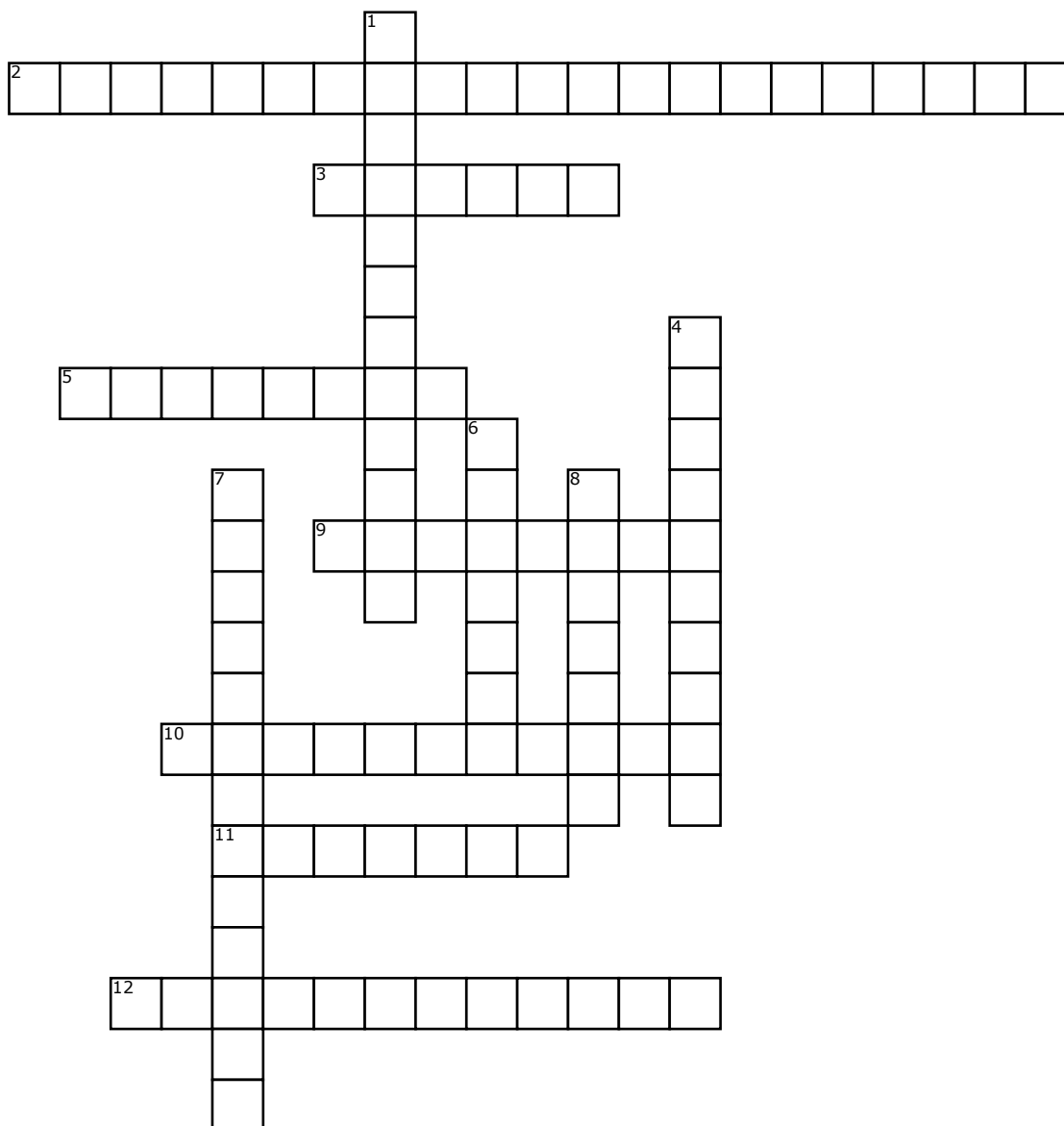


Name: _____ Date: _____ Period: _____

Chap 3 vocab



Across

- 2.** The arrangement of electrons in the orbitals of an atom
- 3.** Positive charged particle that is found in the nucleus of an atom
- 5.** Atoms of a given element that have different numbers of neutrons and different mass numbers
- 9.** A negative charged particle found in the space outside the nucleus

10. A state in which all the electrons in an atom have the lowest possible energies.

11. A neutral particle that is found in the nucleus of an atom

12. A unique number for each element that equals the number of protons in an atom of that element

Down

1. The possible energies that electrons in an atom can have

4. The sum of the number of protons and neutrons in the nucleus of an atom

6. A dense, positively charged mass located in the center of an atom

7. A visual model of the most likely locations for the electrons in an atom

8. A region of space around the nucleus where an electron is likely to be found