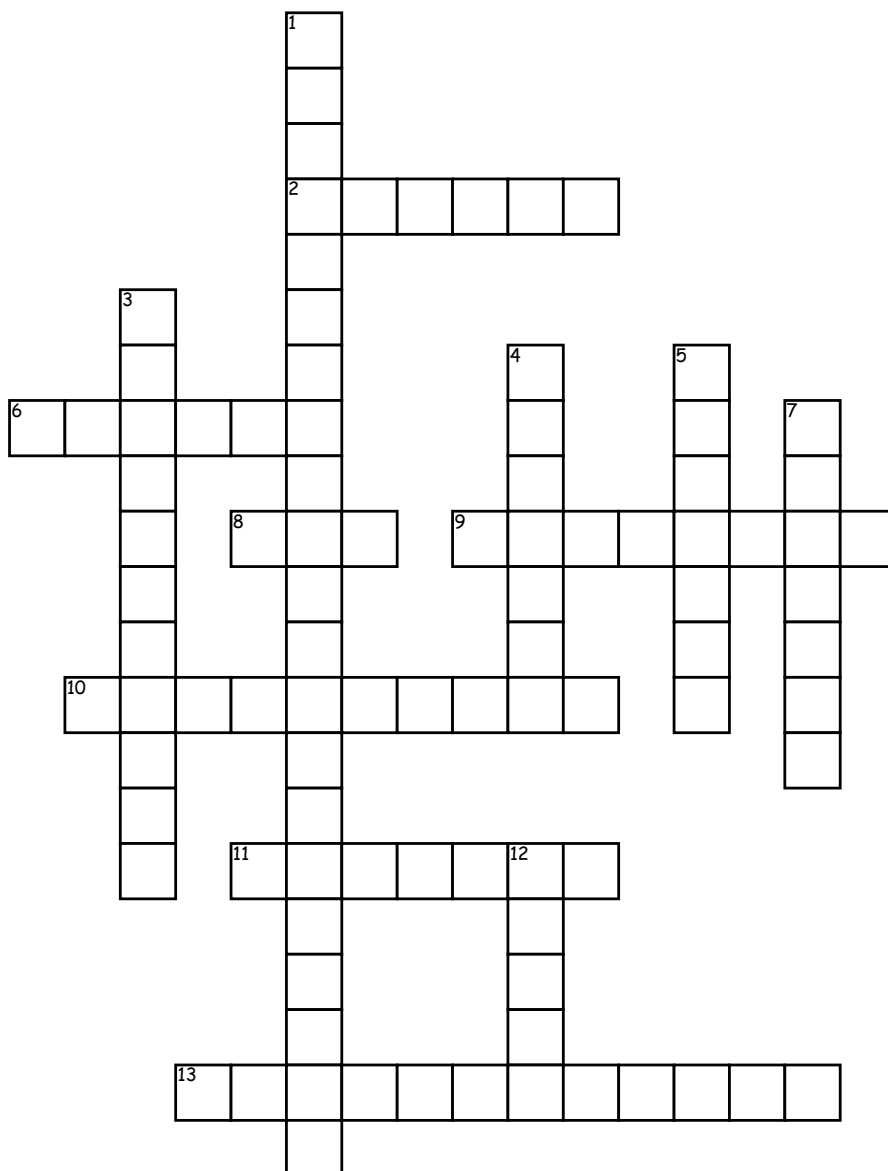


Name: _____ Date: _____ Period: _____

Chapter 4 Science Vocabulary Words



Across

2. an ion with a positive charge

6. a positively charged subatomic particle that is found in the nucleus of an atom

8. an atom or group of atoms that have gained or lost electrons from the outer most energy level

9. a negatively charged subatomic particle that is found in the space outside the nucleus of an atom

10. an average of the total number of protons and neutrons combined

11. a region of space around the nucleus where an electron is likely to be found

13. a unique number for each element that equals the number of protons in an atom of that element

Down

1. the arrangement of electrons in the orbitals of an atom

3. a state in which all the electrons in an atom have the lowest possible energies

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

5. a neutral subatomic particle that is found in the nucleus of an atom

7. atoms of a given element that have different numbers of neutrons and different mass numbers

12. an ion with a negative charge