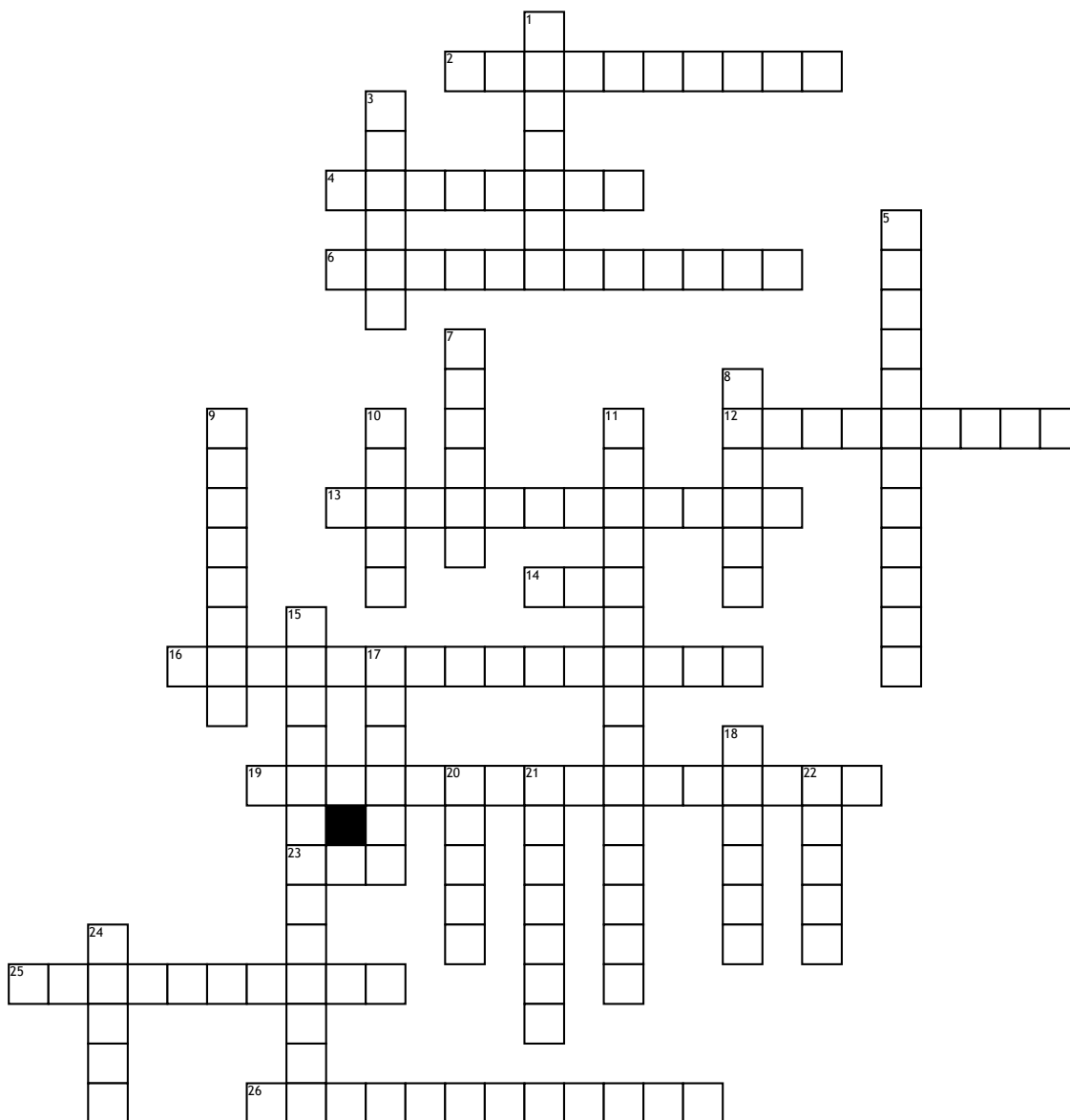


Name: _____

Date: _____

Vocab Cross Word Assignment



Across

2. the tendency of a substance to undergo chemical reaction
 4. any of the gaseous elements helium, neon, argon, krypton, xenon, and radon, occupying Group 0 (18) of the periodic table
 6. 212 degrees F.
 12. When atoms gain or lose electrons
 13. a chemical element is a measure of the size of its atoms
 14. state of matter with no defined shape or volume
 16. an electron that is associated with an atom
 19. the energy required to remove an electron from a gaseous atom or ion
 23. an atom or molecule with a net electric charge due to the loss or gain of one or more electrons

25. the mass of a atom

26. the temperature at which a given solid will melt

Down

1. five non-metallic elements found in group 17 of the periodic table
 3. a stable subatomic particle occurring in all atomic nuclei
 5. the number of protons in the nucleus of an atom
 7. a hot ionized gas consisting of approximately equal numbers of positively charged ions and negatively charged electrons
 8. form of matter between a gas and a solid that has a definite volume, but no definite shape
 9. an element that does not possess the properties of metals, and is found in the groups 14, 15 and 16 of the periodic table

10. an element that readily forms positive ions and has metallic bonds
 11. any of the set of metallic elements occupying a central block in the periodic table
 15. a table of the chemical elements arranged in order of atomic number
 17. a positively charged ion
 18. the name given to a horizontal row of the periodic table
 20. a negatively charged ion is a
 21. One of two or more atoms that have the same atomic number but a different number of neutrons
 22. a column of elements in the periodic table
 24. state of matter characterized by particles arranged such that their shape and volume are relatively stable