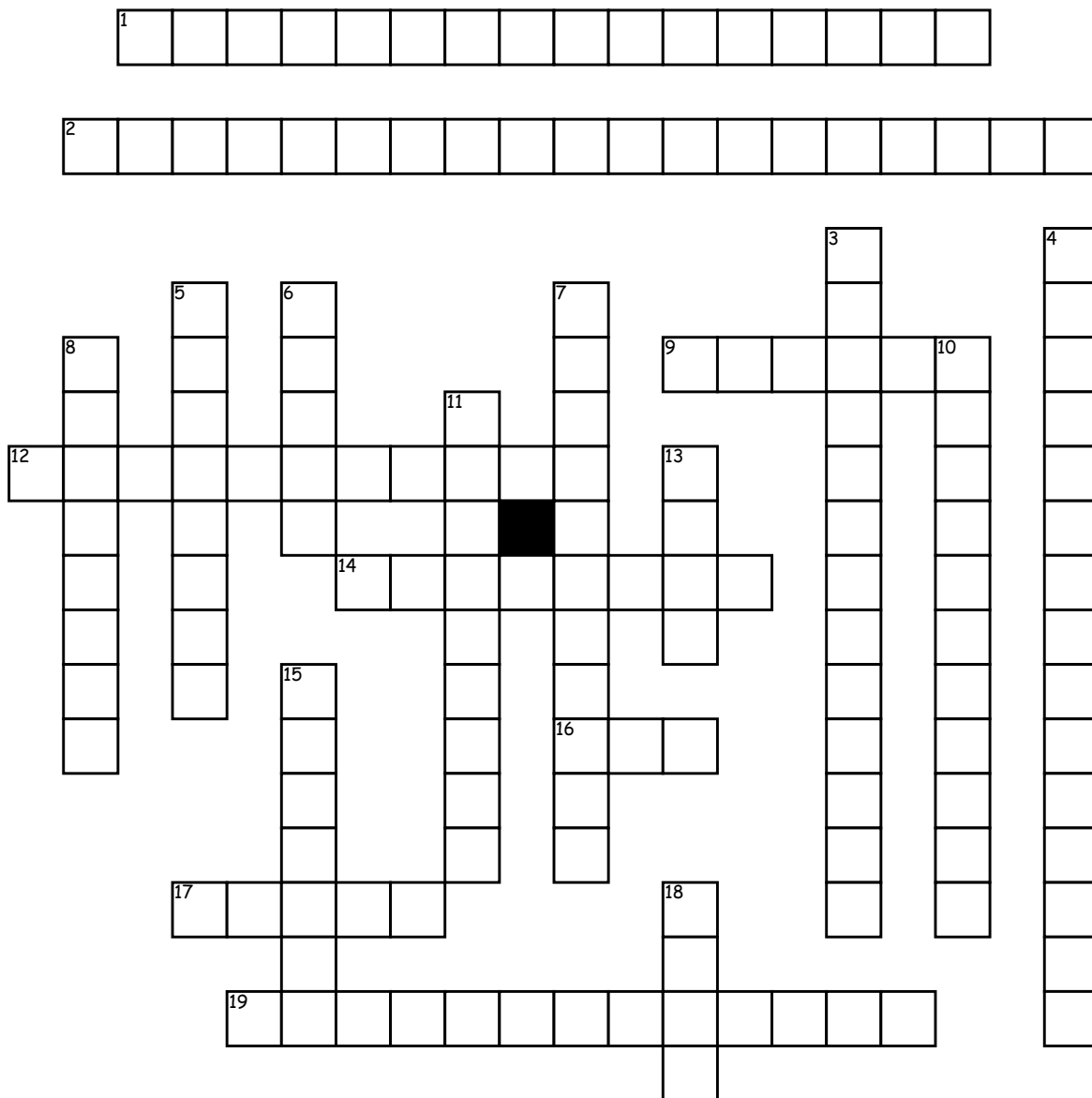


Name: _____

Date: _____

CHEMISTRY



Across

1. Electrons on the outer most orbit or energy level of an atom
2. the attractive force between atoms and ions within a compound
9. a gradual and consistent change in properties within periods or groups of the periodic table
12. an element in group 1 of the periodic table
14. a negatively charged subatomic particle
16. a charged entity formed by the addition or removal of one or more electron(s) from a neutral atom

17. a column of elements in the periodic table

19. a table where the chemical are arranged by atomic mass

Down

3. made up of 1 or more positive metal ions and 1 or more negative non-metal ions.
4. compounds that contain 2 elements are called?
5. a substance that speeds up reactions without changing its self
6. a circular path in which an electron can move around the nucleus

7. describes a change or quality in matter that has no numerical value expressed

8. the time it takes for one-half the nuclei in a radioactive sample to decay

10. a full shell of 8 electrons in the outer energy level of an atom

11. the atomic mass of this element is 173.054

13. smallest particle of an element

15. atoms of an element that have the same number of protons and neutrons

18. standard ambient temperature and pressure