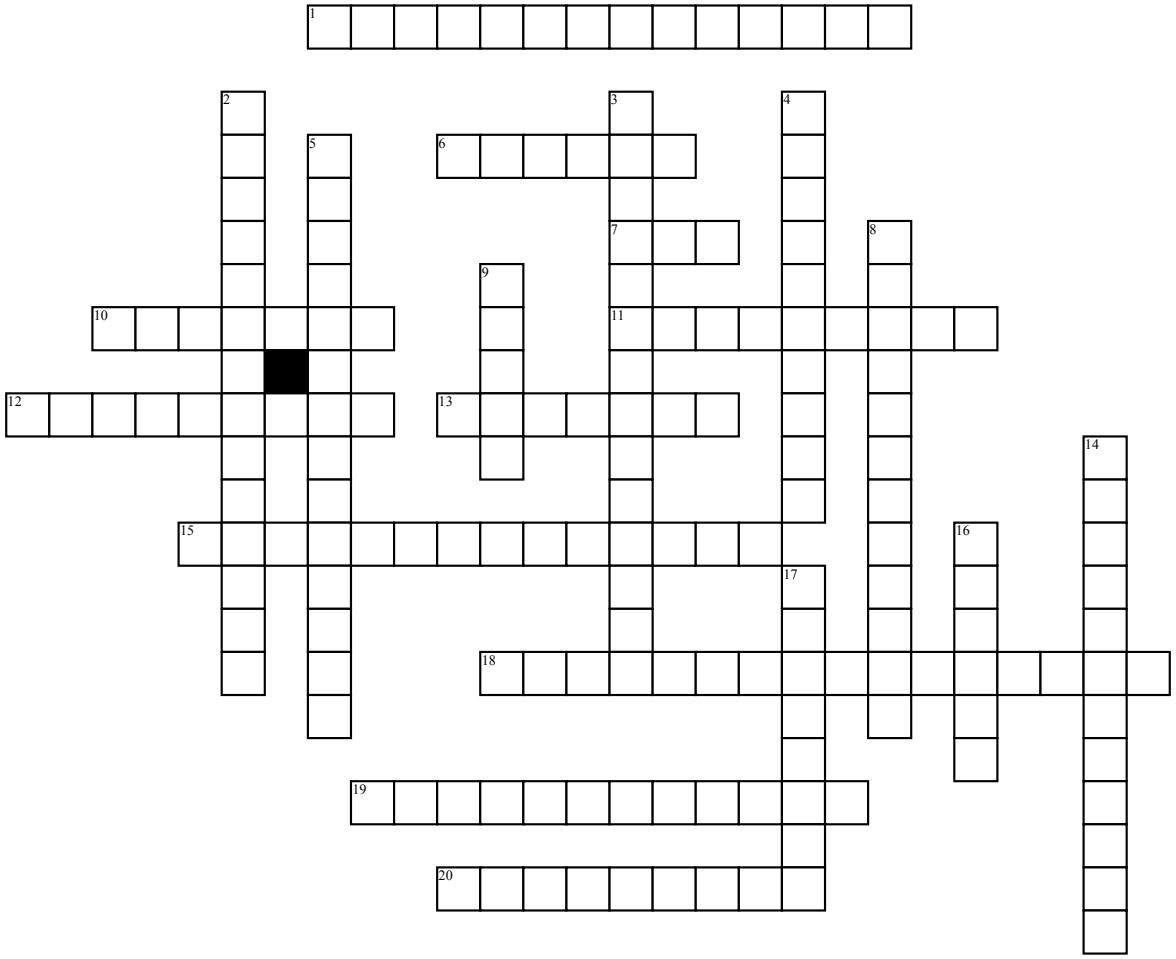
Name: _____ Date: _____

Periodic Table Crossword Puzzle



Across

1. a family (group) of rare, inert gases (contains helium, neon, argon, krypton, xenon, radon)

6. the name of the rows going across the periodic table (depicts the number of rings of an atom)

7. an atom(s) that carries a positive or negative charge due to the loss or gain of one or more eletrons

10. a particle with a neutral charge

11. this bond takes place between a metal and a nonmetal when electrons are being taken, not shared

12. this model was created by Niels Bohr which depicts the number of electrons on each shell of the atom

13. a positively charged central core of an atom that has both protons and neutrons

15. this type of charge has excess electrons

18. the amount of electrons in the outermost shell of an atom

19. this bond takes place between two nonmetals when they are sharing electrons in order to have a stable balance

20. a particle with a negative charge found rotating around the nucleus

Down

2. describes the loss of electrons in an atom (ex: 1- or 1+)

3. this type of charge has a deficiency

4. the mass of a chemical element

5. a group that contains nitrogen, phosphorous, arsenic, antimony, and bismuth

8. the number of protons in the nucleus of an atom

9. the name of the columns in the periodic table (can also depict the number of electrons in the outer- most shell of an atom)

14. a group that contains carbon, silicon, germanium, tin, lead, flerovium

16. a particle with a positive charge

17. substances that cannot be broken down into simpler substances

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