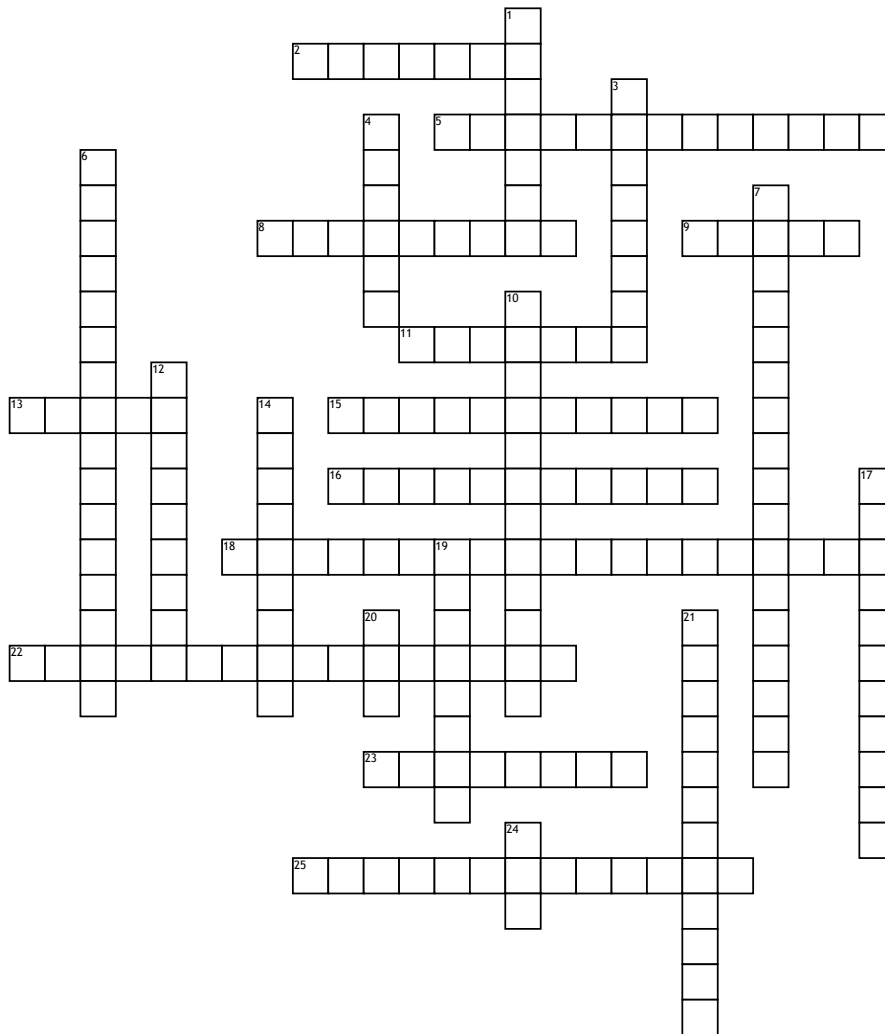


Name: _____

The Table and Atoms



Across

- 2. positively charged
- 5. when an atom decays it emits _____
- 8. all radioactive
- 9. every vertical column in the Periodic Table of Elements
- 11. made of protons and neutrons
- 13. a electricity conducting group of elements
- 15. rare earth metals
- 16. atom with low amounts of electrons
- 18. reactive to group 17
- 22. good conductors
- 23. denoted by color

Word Bank

- | | | | | |
|---------------------|-----------------------|-------------------|----------------|-------------|
| transition metals | metalloid | radioactive decay | electron cloud | halogens |
| period | positive ion | atomic number | actinides | lanthanides |
| ion | radioactivity | nucleus | alkali metals | protons |
| noble (inert) gases | group | AMU | nonmetal | neutrons |
| metal | alkaline earth metals | electrons | negative ion | isotope |

25. shows the probability right for the placing of a certain particle

Down

- 1. an atom with a lot of weight in neutrons
- 3. very reactive with groups 1&2
- 4. a horizontal line of elements in the periodic table of elements
- 6. when an atom has too many protons it starts to _____
- 7. very stable, colorless and odorless
- 10. very reactive with group 17
- 12. negatively charged, circles the nucleus
- 14. has properties of metal, and nonmetals
- 17. too many electrons in an atom makes it _____
- 19. no charge
- 20. _____ mass unit
- 21. the amount of protons an atom has
- 24. atom with more or less than normal amounts of electrons