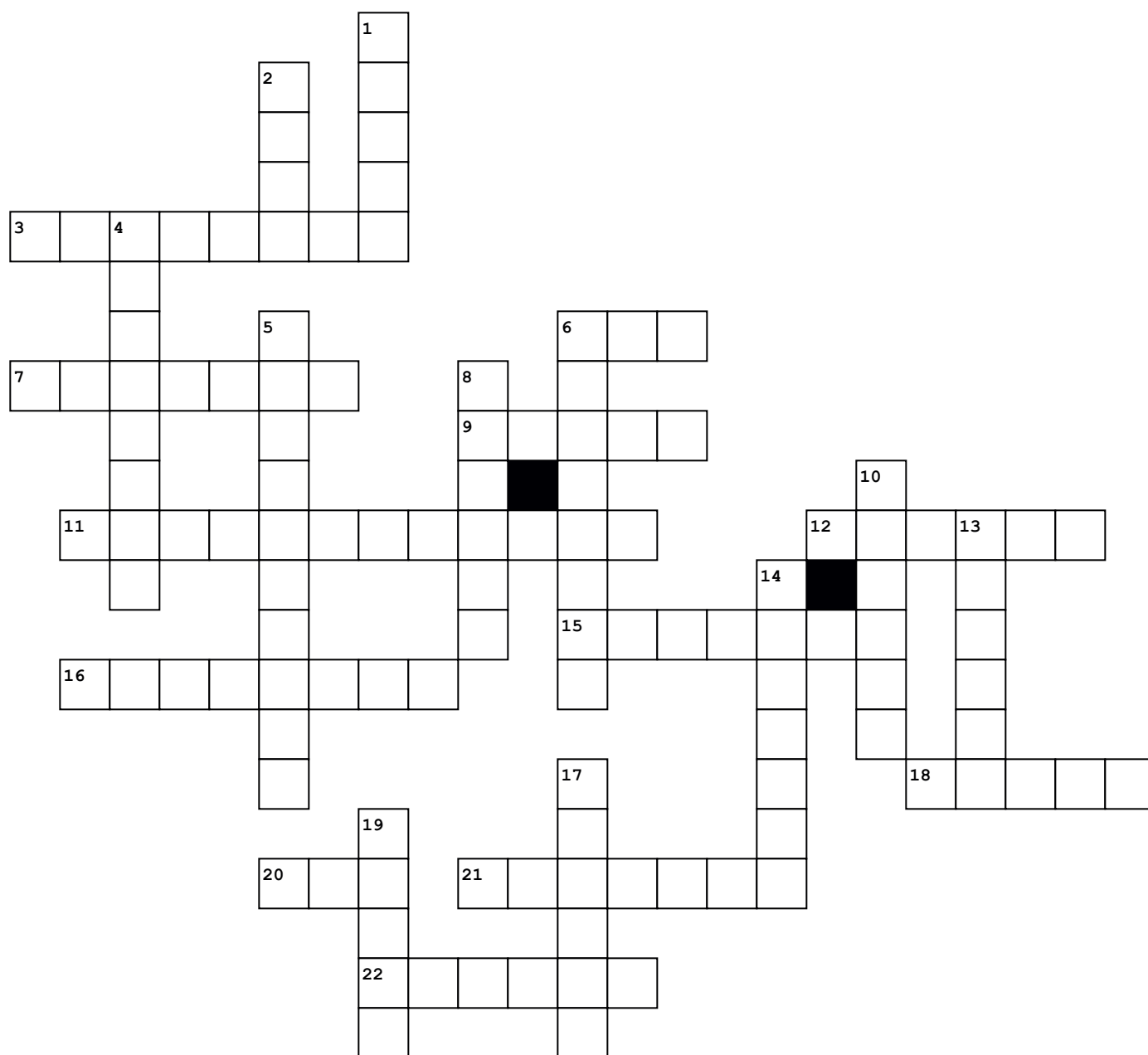


Atomic Structure Crossword



Across

3. _____ LINE IS A SINGLE WAVELENGTH OF LIGHT GOING THROUGH A PRISM, GIVEN OFF BY AN EXCITED ELEMENT
6. AN ATOM WITH AN ELECTRIC CHARGE
7. THE CENTRAL PART OF THE ATOM THAT CONTAINS NEUTRONS AND PROTONS
9. MOST MATTER ON EARTH IS MADE UP OF THESE PARTICLES
11. THE LAW OF _____ THAT STATES THAT MATTER CAN NEITHER BE CREATED NOR

Down

1. THE REGION WHERE AN ELECTRON WILL MOST LIKELY BE FOUND
2. PROPOSED THAT ELECTRONS TRAVELED IN PATHS CALLED ENERGY LEVELS
4. NEGATIVELY CHARGED PARTICLE
5. DISCOVERED THE NUCLEUS
6. ATOMS OF THE SAME ELEMENT WITH DIFFERENT NUMBERS OF NEUTRONS

DESTROYED

12. ATOMS OF DIFFERENT ELEMENTS HAVE DIFFERENT _____ AND PROPERTIES
15. MADE UP OF THE SAME TYPE OF ATOM
16. THE SMALLEST PARTICLE IS A MOLECULE
18. THE ELECTRON _____ IS THE PRESENT MODEL OF THE ATOM
20. ATOMIC MASS UNIT
21. DISCOVERED THE ELECTRON
22. ATOMS OF DIFFERENT ELEMENTS COMBINE IN WHOLE-NUMBER _____

8. SCIENTIST WHO WAS THE FIRST PERSON TO USE ATOMIC SYMBOLS
10. HAS MASS AND TAKES UP SPACE
13. AN ABBREVIATION OF THE ELEMENT'S NAME-USUALLY FROM LATIN
14. UNCHARGED PARTICLE IN THE NUCLEUS OF THE ATOM
17. POSITIVELY CHARGED PARTICLE IN THE NUCLEUS OF THE ATOM
19. MAKES UP ALL SUBATOMIC PARTICLES IN DIFFERENT COMBINATIONS