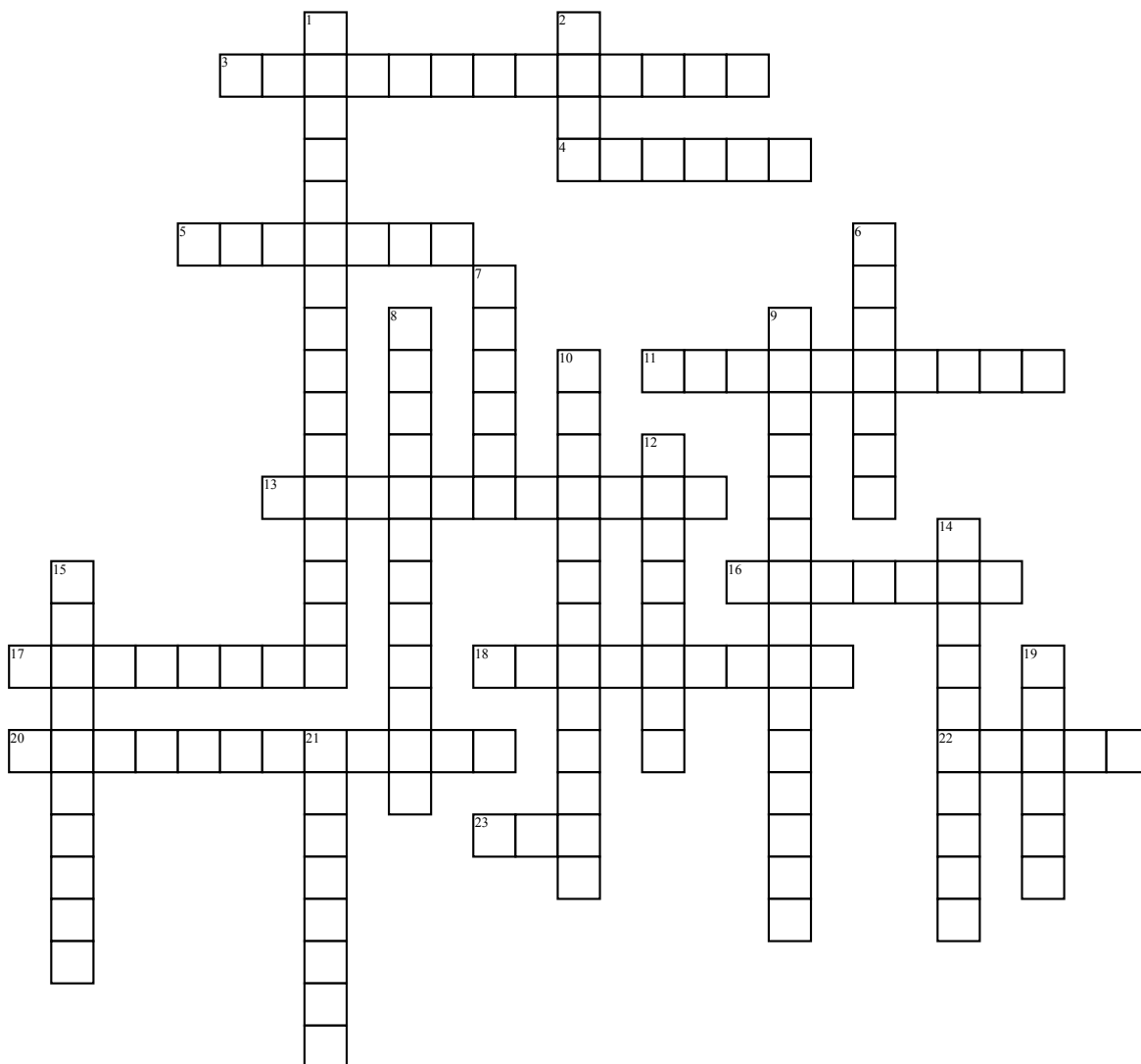


Name: _____

Date: _____

Vocab



Across

3. An arrangement of elements in columns based on a set of properties that repeat from row to row
 4. Elements that are good conductors of heat and electric current
 5. A region of space around the nucleus where an electron is likely to be found
 11. Elements with properties that fall between those of metals and non metals
 13. The pattern of repeating properties displayed by elements in the periodic table
 16. A neutral subatomic particle found in nucleus
 17. Atoms of a given element that have different numbers of neutrons and different mass numbers
 18. Elements that are poor conductors of heat and electric current

20. The possible energies that and electrons in an atom can have

22. A column of elements in a period table

23. One twelfth the mass of a carbon-12 atom

Down

1. Elements that form a bridge between elements on the left and right sides of the periodic table
 2. The smallest particle of an element
 6. Positively charged mass located in the center of an atom
 7. A row in a periodic table of elements
 8. A unique number for each element that equals the # of protons
 9. An electron that is in the highest occupied energy level of an atom

10. A visual model of the most likely locations for the electrons in an atom

12. The elements in Group 7A of the periodic table

14. The elements in Group 8A of the period table

15. The sum of the number of protons and neutrons in the nucleus of atom

19. A positively charged subatomic particle found in the nucleus

21. A negatively charged subatomic particle found in space outside the nucleus of an atom