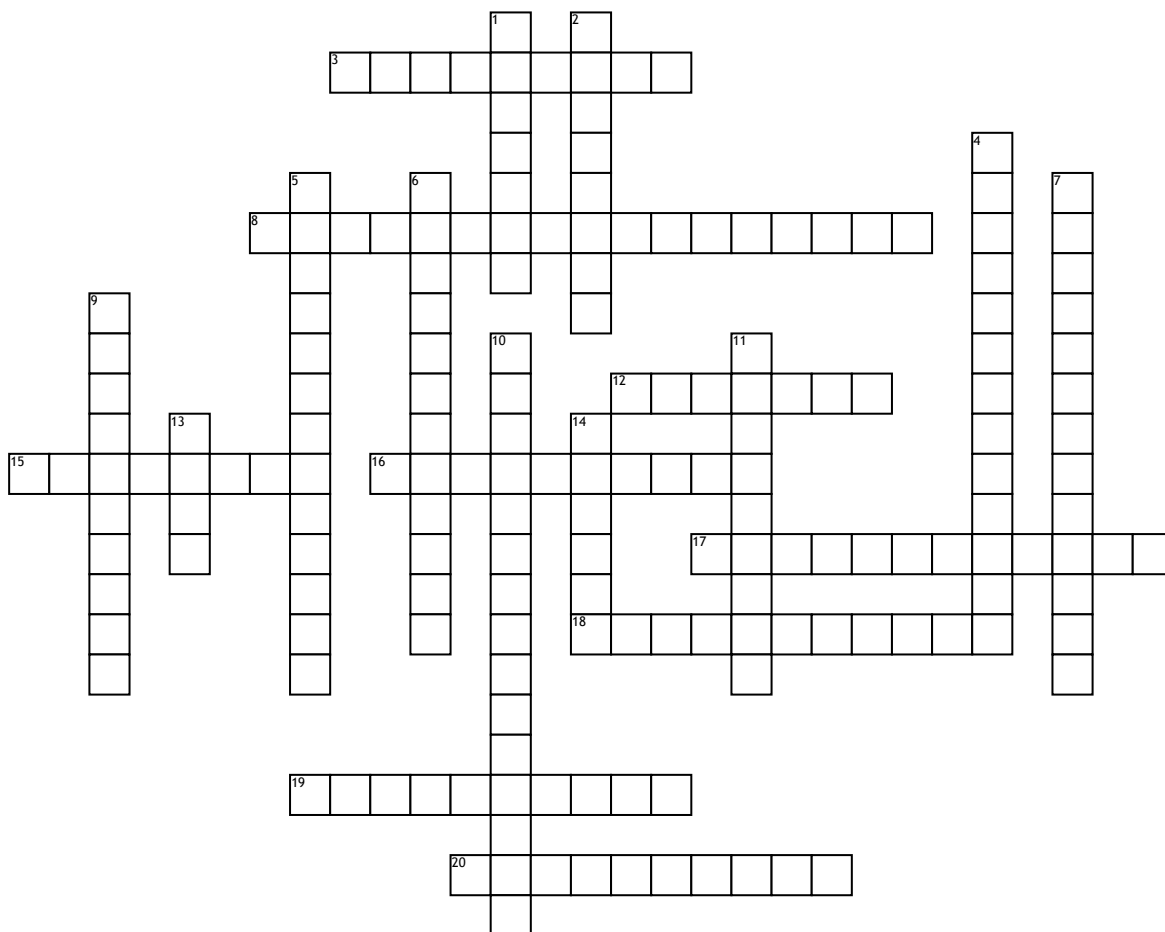


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Periodic table



## Across

3. not able to conduct heat or electricity

8. this property describes an atoms ability to attract an electron

12. arranged the elements according to increasing atomic numbers

15. a negative charged particle

16. discovered the existence of an atomic nucleus

17. group 1,most reactive to all metals,1 valence electron,shiny'

18. happy/inert elements(full outer shells colorless gasses that are extremely unreactive

19. total number of protons and neutrons in the nucleus

20. have properties of both metals and non metals

## Down

1. particle with no charge

2. group 17, means SALT FORMER

4. center area of atom composed of protons and neutrons

5. describes where electrons go

6. number of protons in a atom

7. an organizational systems for elements

9. the scientist that discovered the nucleus

10. a tube that has two pieces of metals called electrodes

11. proposed arranging elements by weights and properties

13. the basic unit of a chemical element

14. positive charged particle