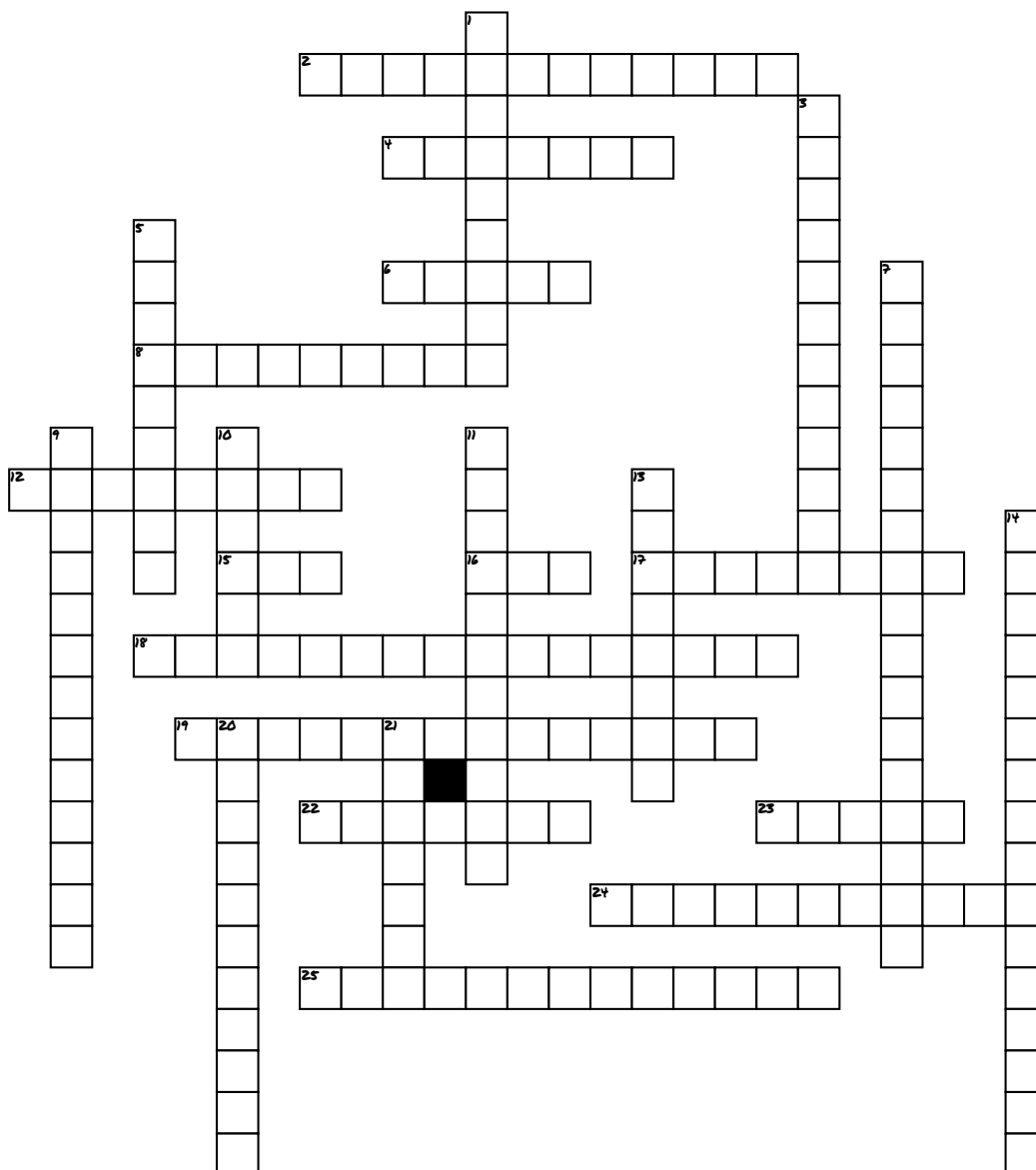


Name: _____ Date: _____ Period: _____

YOU MATTER



ACROSS

2. VERY REACTIVE TO GROUP 17
4. CENTER OF AN ATOM
6. VERTICAL COLUMN IN THE PERIODIC TABLE
8. SET APART FROM THE PERIODIC TABLE WITH LANTHANIDES
12. REACTIVE NON-METALS THAT FORM COMPOUNDS
15. THE LOSS OR GAIN OF AN ELECTRON CHANGES THE TYPE OF THIS
16. ATOMIC MASS UNIT
17. NEGATIVELY CHARGED PARTICLES

18. WHEN AN UNSTABLE NUCLEUS LOSES ENERGY

19. REACTIVE WITH GROUP 17

22. POSITIVELY CHARGED PARTICLES

23. GOOD CONDUCTOR OF ELECTRICITY AND HEAT

24. LOST ELECTRON

25. HIGH PROBABILITY REGION CONTAINING ELECTRONS

DOWN

1. NON-CHARGED PARTICLES
3. NUMBER OF PROTONS IN THE NUCLEUS OF AN ATOM

5. HAS PROPERTIES OF METAL, AND NONMETALS

7. ALMOST NEVER REACT WITH OTHER ELEMENTS

9. THE NUCLEUS OF AN ATOM RELEASES ENERGY

10. HORIZONTAL ROW IN THE PERIODIC TABLE

11. GAINED ELECTRON

13. OPPOSITE OF METAL

14. GOOD CONDUCTORS

20. RARE EARTH ELEMENTS

21. DIFFERENT NUMBER OF NEUTRONS THAN PROTONS IN AN ATOM