

Feb.

Name: _____

Section: _____

Periodic Table - Symbols and Names

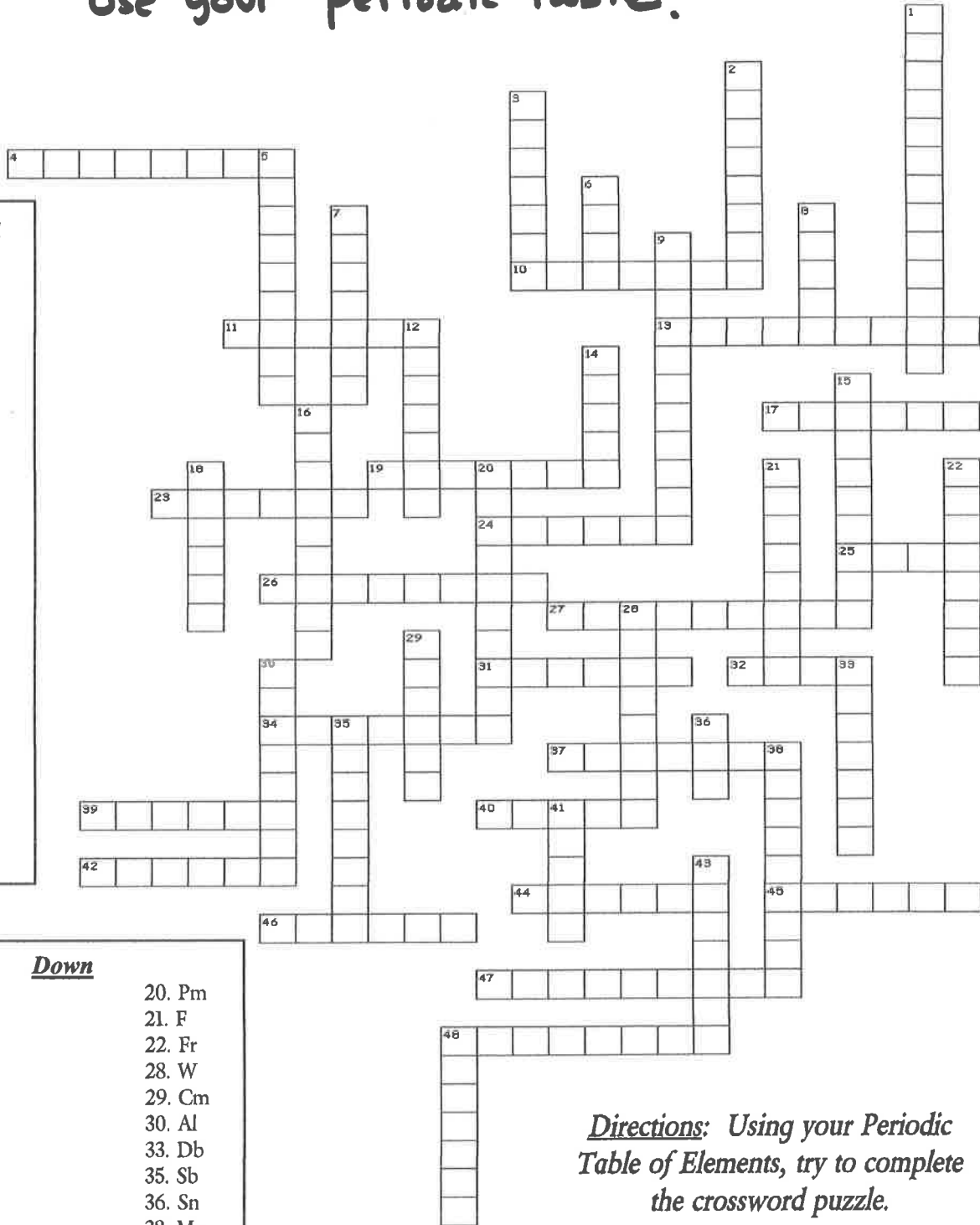
Use your periodic table!

Across

- 4. Uub
- 10. Cd
- 11. He
- 13. Sr
- 17. S
- 19. Kr
- 23. Ni
- 24. Os
- 25. Fe
- 26. N
- 27. K
- 31. I
- 32. Pb
- 34. U
- 37. Li
- 39. C
- 40. B
- 42. In
- 44. Cu
- 45. Na
- 46. O
- 47. Be
- 48. Cl

Down

- | | |
|--------|--------|
| 1. Rf | 20. Pm |
| 2. Rb | 21. F |
| 3. As | 22. Fr |
| 5. Mn | 28. W |
| 6. Au | 29. Cm |
| 7. Y | 30. Al |
| 8. Xe | 33. Db |
| 9. Es | 35. Sb |
| 12. Hg | 36. Sn |
| 14. Ar | 38. Mg |
| 15. Pu | 41. Rn |
| 16. Yb | 43. Br |
| 18. Ag | 48. Ca |

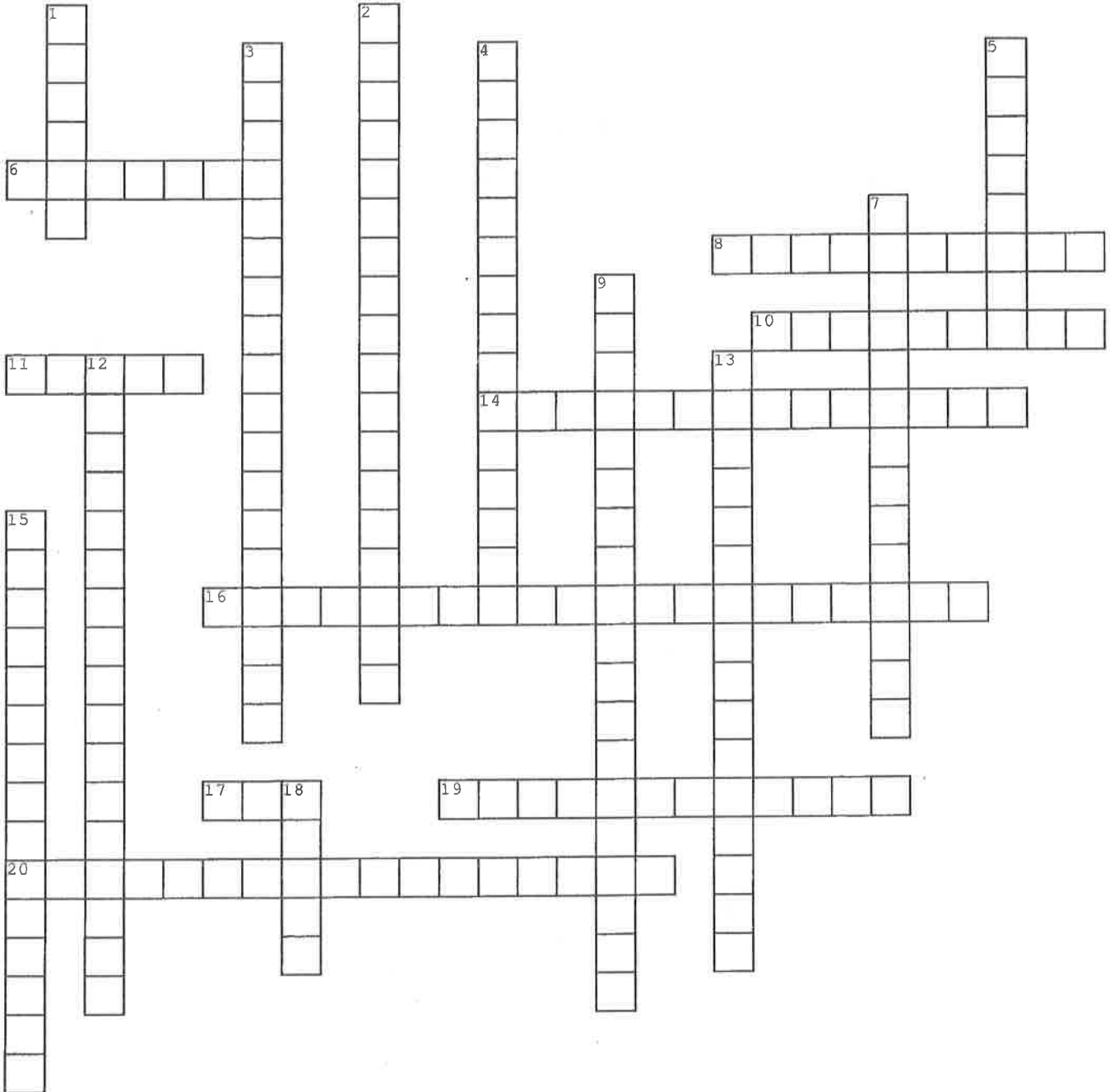


Directions: Using your Periodic Table of Elements, try to complete the crossword puzzle.

Name: _____

Matter: Properties and Changes

Complete the crossword below



Created with TheTeachersCorner.net [Crossword Puzzle Generator](http://www.theteacherscorner.net)

states of matter distillation intensive property heterogeneous mixtur physical property solution
chemical property crystalization chromatography chemical change filtration extensive property
liquid homogeneous mixture substance mixture solid gas vapor physical change

Across

6. a combination of two or more pure substances in which each pure substance retains its individual chemical properties
8. a technique that uses a porous barrier to separate a solid from a liquid
10. matter that has a uniform and unchanging composition
11. the gaseous state of a substance that is a solid or liquid at room temperature
14. a technique that separates the components of a mixture on the basis of the tendency of each to travel or be drawn across the *medium at different rates*
16. a type of mixture that does not blend smoothly *throughout* and in which the individual substances remain distinct
17. a form of matter that flows to conform to the shape of its container and fills the entire volume of its container
19. a separation technique that is based on differences in the boiling points of substances involved
20. the ability of a substance to combine with or change into one or more other substances

Down

1. a form of matter that flows, has constant volume and takes the shape of its container
2. independent of the amount of substance present (i.e. density)
3. dependent on the amount of substance present (i.e. mass, length and volume)
4. a process that involves one or more substances changing into new substances
5. another name for a homogeneous mixture
7. a separation technique that results in the formation of pure solid particles of a substance from a solution containing the *dissolved substance*
9. a type of mixture that has constant composition throughout
12. a characteristic that can be observed or measured without changing the sample's composition
13. solid, liquid and gas are examples of these
15. a change that alters a substance without changing its composition
18. a form of matter that has its own definite shape and volume