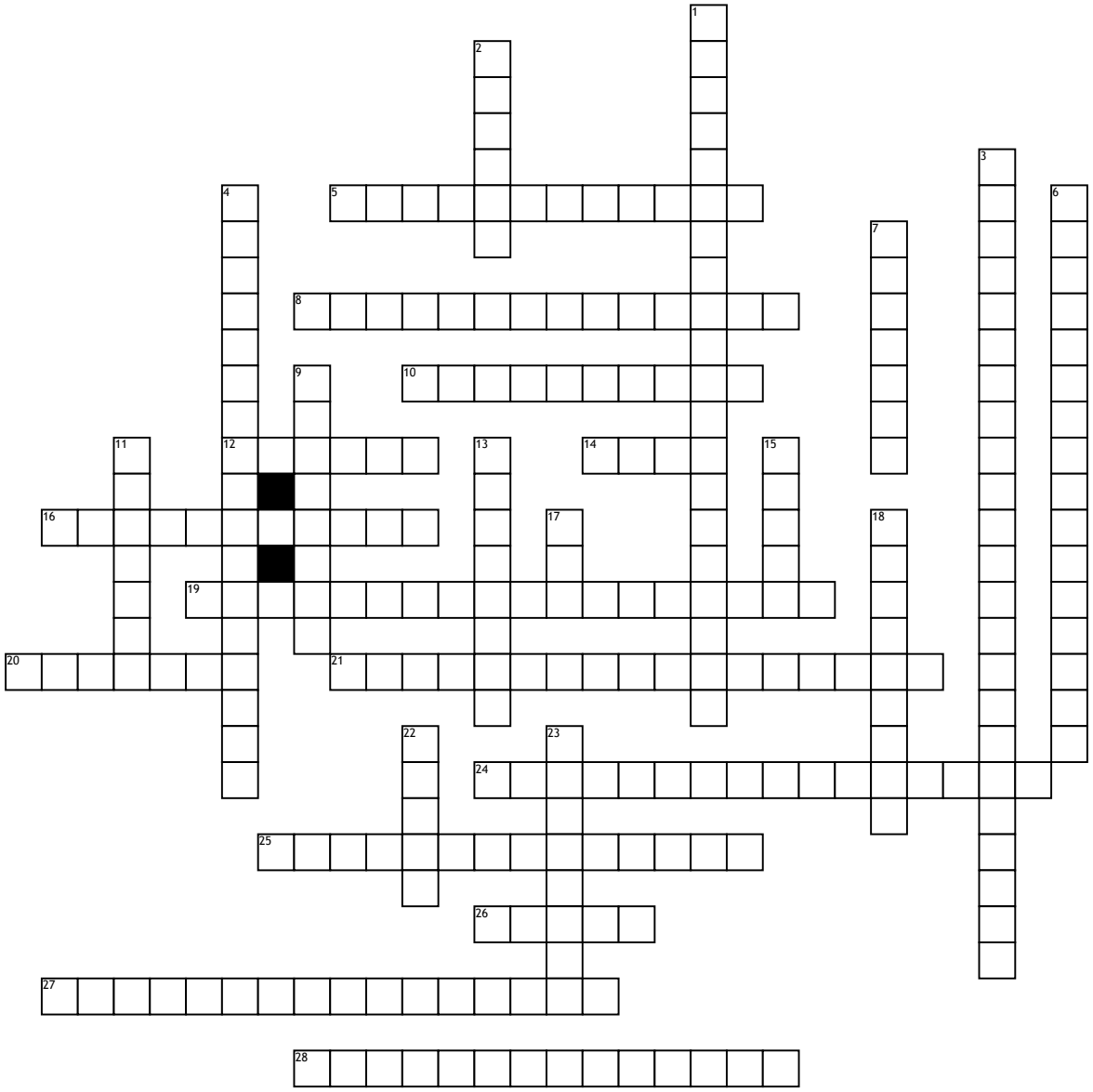
Name: _____ Date: _____

Chapter 2 vocab



Across

5. a liquid is boiled to produce a vapor that is then condensed into a liquid

8. a change that produces matter with a different composition than the original matter

10. the process that separates a solid from a liquid in a heterogeneous mixture

12. a measure of the space occupied by the object

14. a measure of the amount of matter the object contains

16. a solid that forms and settles out of a liquid mixture

19. a mixture in which the composition is uniform throughout

20. a physical blend of two or more components

21. a property that depends on the type of matter in a sample, not the amount of matter

24. one or more substances change into one or more new substances

25. some properties of a material change but the composition of the material does not change

26. used to describe any part of a sample with uniform composition and properties

27. the ability of a substance to undergo a specific chemical change

28. each element is represented by a one or two letter chemical symbol

Down

1. a mixture in which the composition is not uniform throughout

2. a form of matter that has an indefinite shape flows yet has a fixed volume

3. states that in any physical change or chemical reaction mass is conserved

4. a property that depends on the amount of matter in a sample

6. a quality or condition of a substance that can be observed or measured without changing the substance's composition

7. a substance produced in the reaction

9. another name for homogeneous mixture

11. the simplest form of matter that has a unique set of properties

13. a substance that contains two or more elements chemically combined in a fixed proportion

15. the gaseous state of a substance that is generally a liquid or solid at room temperature

17. a form of matter that takes both the shape and volume of its container

18. matter that has a uniform and definite composition

22. a form of matter that has a definite shape and volume

23. a substance present at the start of the reaction