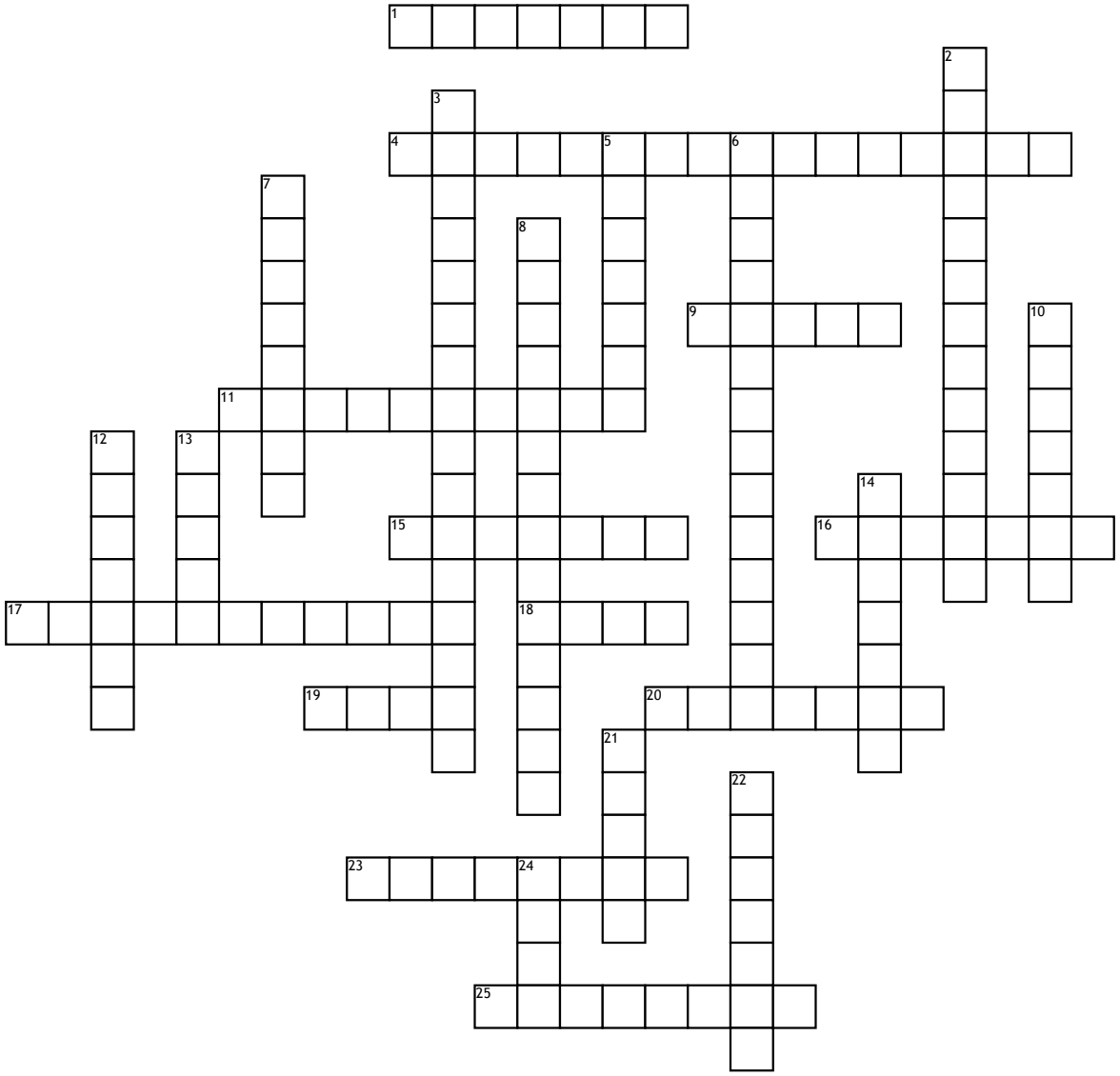
Name: _____ Date: _____

Physical change vs Chemical change



Across

1. Bend over on itself so that one part of it covers another
4. Characteristic that can be observed or measured without changing the compostition
9. Something that makes things visible or affords illumination
11. To make a solution of, as by mixing with liquid
15. A falling temperature
16. Shape or force (something straight) into a curve or angle
17. Indicates a change in molecules
18. A form of energy associated with the movement of atoms and molecules in any material
19. Fine black particles produced by incomplete combustion of coal, oil, wood or other fuels
20. A part or aspect of something abstract, especially one that is essential or characteristic
23. A thing that is composed of two or more separate elements; a mixture
25. To pass from the liquid to the solid state by loss of heat

Down

2. A colorless, odorless, gas produced by burning carbon and organic compounds and by respiration.
3. Ability of a substance to combine with or change into one or more other substances
5. The action of someone or something that cuts
6. Change in which no new substances are formed
7. Seperate or cause to separate into pieces as a result of a blow, shock or strain
8. Any change that results in the formation of new chemical substances
10. A rising temperature
12. A nearly spherical film of liquid filled with air or gas
13. change the color by painting, dyeing, or shading it
14. To pull apart so as to leave ragged or irregular edges
21. Vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear
22. The action of bringing a liquid to the temperature at which it bubbles and turns to vapor
24. A distinctive smell, especially an unpleasant one

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