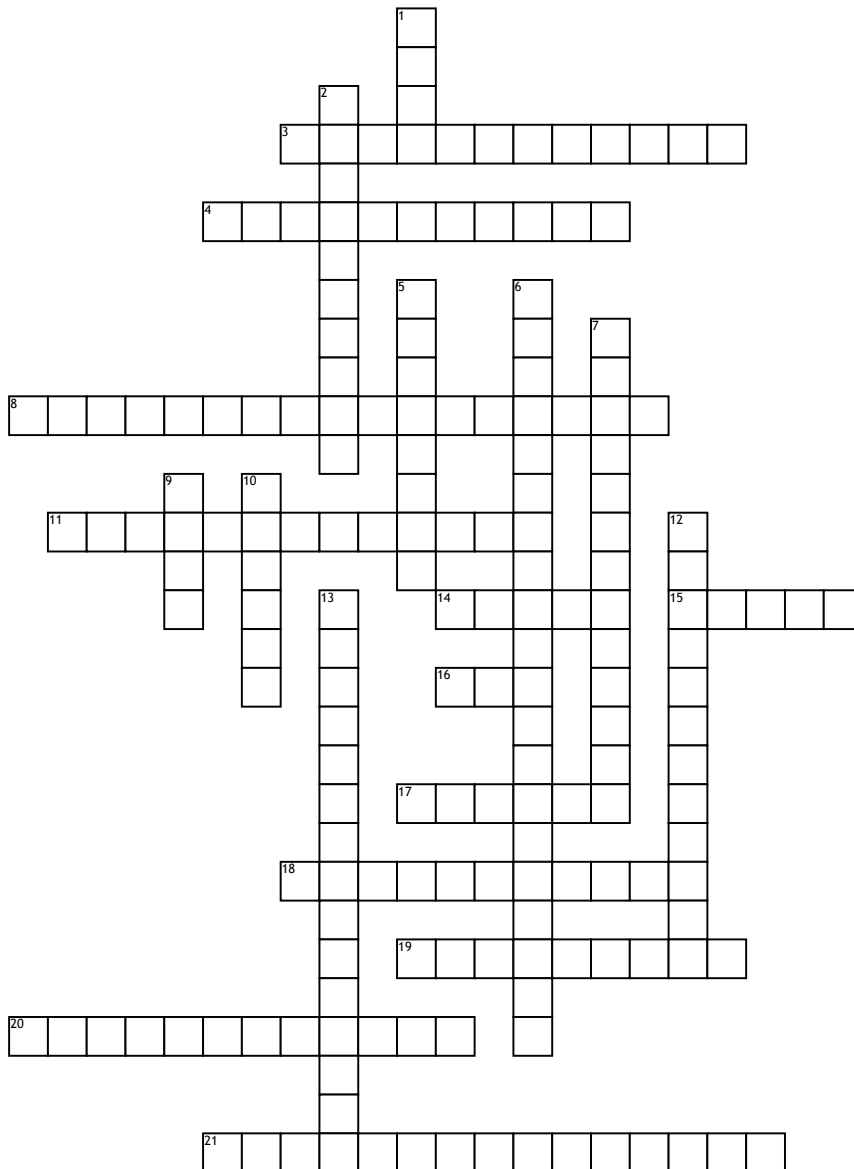


Name: \_\_\_\_\_

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

# science



## Across

- 3. temperature at which a liquid boils is called the
- 4. is divided into kelvins
- 8. this flow creates a circular motion called
- 11. the change in state from a liquid to a solid
- 14. is the form in which matter exists
- 15. has a definite shape and definite volume
- 16. has neither a definite shape nor a definite volume
- 17. is the ability to do work or cause change

18. is a measure of how hot or cold something is compared to a reference point

19. is the transfer of energy by electromagnetic waves

20. you can use an equation to convert between scales

21. is the energy that results from the position or shape of an object

## Down

1. if enough heat is added the water can

2. is a type of heat transfer that occurs only in fluids such as water and air

5. is the force that one surface exerts on another surface when two surfaces rub against each other

6. a change from one form of energy to another is called an

7. energy that results from the motion of an object

9. is the transfer of thermal energy from a warmer object to a cooler object

10. has a definite volume but no shape of its own

12. is the lowest temperature possible

13. to measure temperature