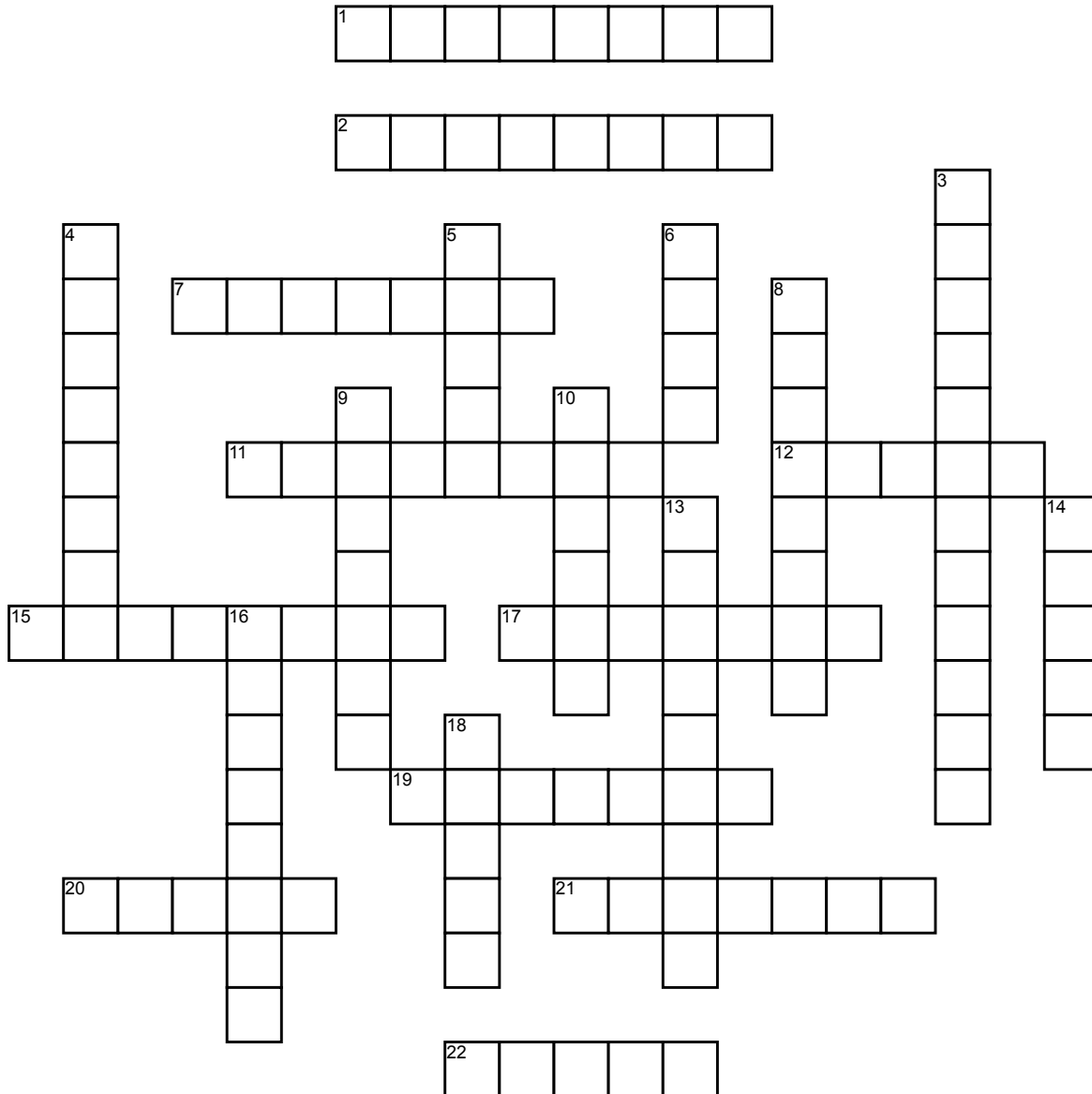


Name: _____

Date: _____

Physics



Across

- 1. When the net force is equal to zero
- 2. combining forces in opposite directions
- 7. tendency of an object to resist a change in motion; Newton's 1st law
- 11. Force that goes against motion
- 12. distance divided by time
- 15. speed in a given direction
- 17. Unit for force

19. The force that keeps us on Earth

20. A push or a pull

21. The force that keeps us on Earth

22. Unit for distance

Down

3. a change in speed or direction

4. the total of all forces acting on an object

5. Speed of a car traveling 40km in 5hours (do not include the units)

6. Force divided by acceleration

8. Type of motion is represented by a straight, diagonal line

9. energy of movement

10. Unit for work

13. energy due to the position of any object

14. Which of Newton's laws is also called "Action-Reaction"?

16. energy found in batteries, food, gasoline

18. Unit for mass