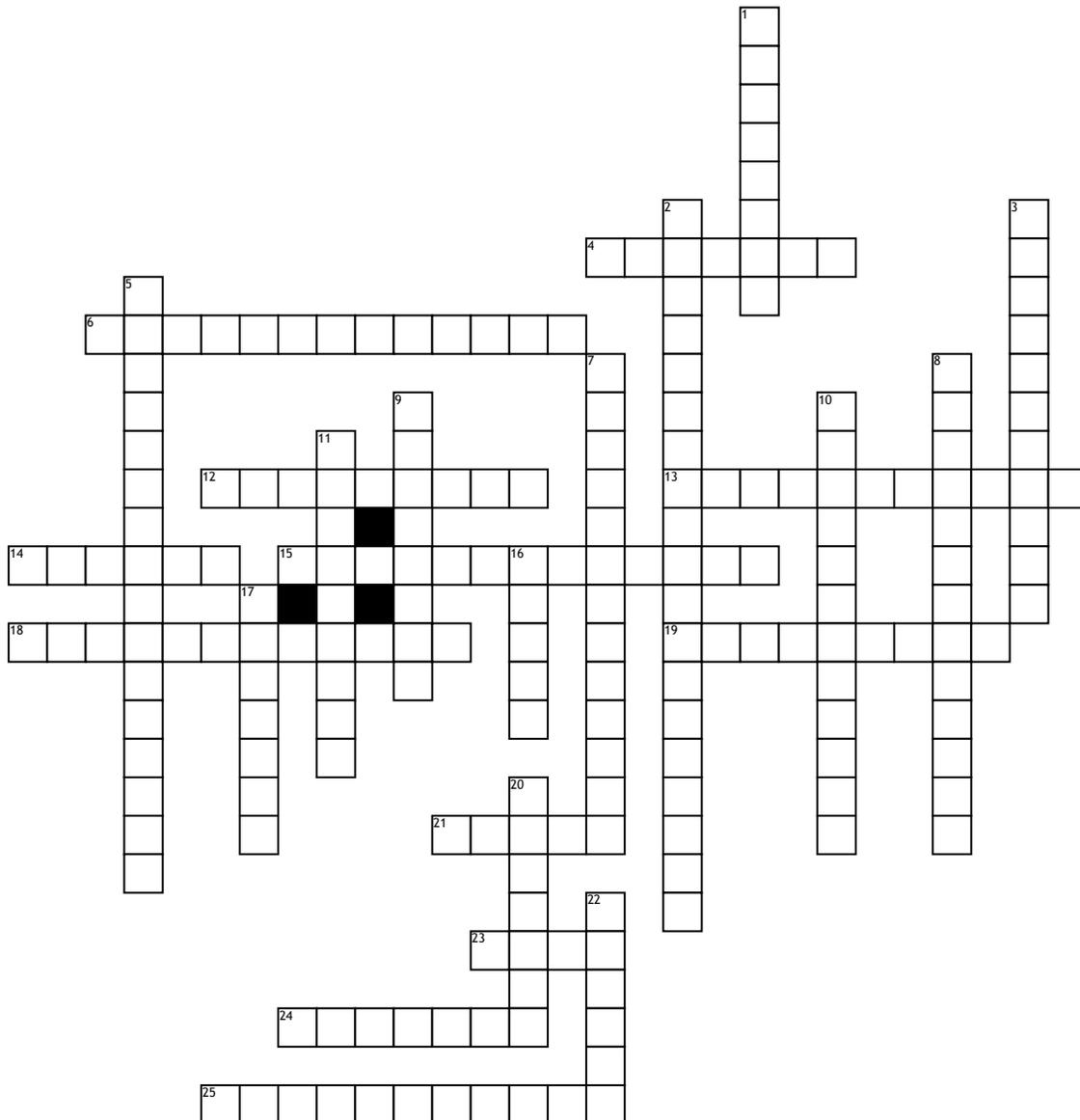


Physical Science Physics Crossword



Across

4. The tendency for things to continue doing what they are already doing. "Laziness"
6. The law that states that forces occur in pairs, with equal but opposite reaction forces
12. No machine is 100% _____ because there is always loss due to heat and friction.
13. Fishing poles, rakes and baseball bats are all examples of this type of simple machine
14. speed is a _____ quantity, which is different than velocity.
15. $F=ma$
18. Measured in $M/s/s$
19. Velocity consists of both speed and _____.
21. A push or a pull on an object

23. Acceleration is a change in speed over _____.

24. 9.8 m/s/s is the acceleration of objects due to _____.

25. A type of simple machine with the fulcrum positioned between the input and output forces

Down

1. the speed of an object in a particular direction
2. the more a simple machine multiplies force, the greater it's _____.
3. a wheelbarrow is an example of this type of simple machine
5. the constant velocity of a falling object when the force of air resistance is equal in magnitude and opposite in the direction of the force of gravity

7. A simple machine used to lessen the amount of work to be done all at once by spreading it out over a distance

8. A tool that measures acceleration is called an _____.

9. A force that opposes motion between two surfaces that are in contact

10. This word is used to describe an object's change in position, different than the total distance the object has been moved.

11. For every action force, there is a resulting reaction force that is opposite in _____.

16. m/s is used to measure this.

17. a force of attraction between objects that is due to their masses

20. The weight of an object consists of its mass and the force of _____.

22. A symbol used to measure forces and other things that have both magnitude and direction