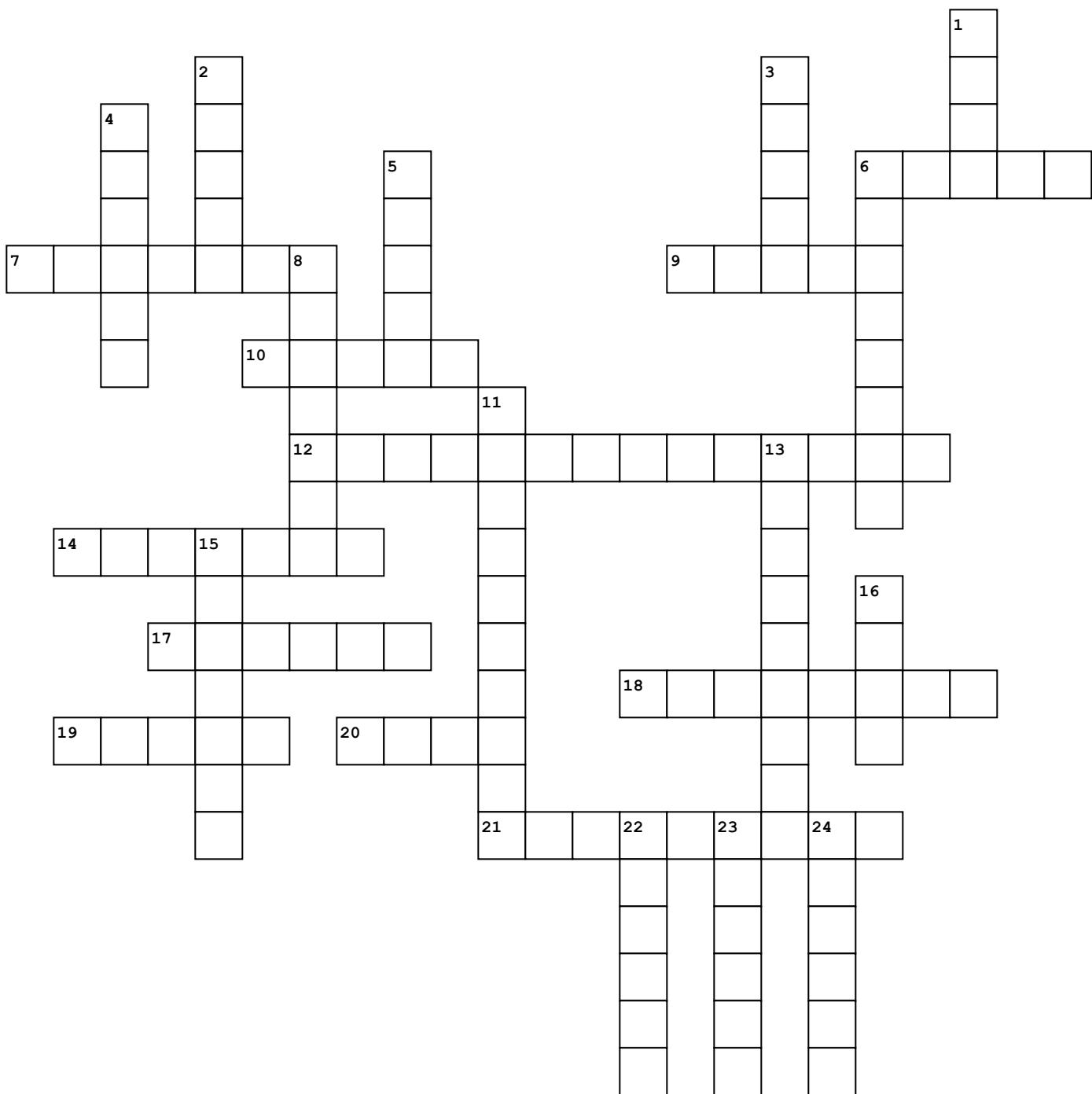


# Science 8 - Mechanics Crossword



## Across

6. The power or strength of the energy that a machine uses or produces
7. The pivot
9. A \_\_\_\_\_ and axel is a simple machine that helps cars drive and allows us to shut off heavy duty valves with little force.

## Down

1. An object that looks like a wheel with teeth around the outside edge.
2. A flat bar or plank that can move about a fixed point.
3. There are \_\_\_\_\_ different classes of levers.
4. Made of a wire, rope or cable that moves along a groove in a wheel.

10. A cylindrical shape that had a long groove cut in a spiral running around and around it.

12. Parts joined together to make a machine or part of a machine

14. \_\_\_\_\_ machines are made up of two or more interconnected simple machines working together.

17. The \_\_\_\_\_ gear is gear that is in front of a gear train. It is attached to a handle or motor.

18. When a machine sends, passes on, or spreads energy from one place to another

19. A gear \_\_\_\_\_ is when two or more gears are used together.

20. The object that you do work on with a lever.

21. A part of the whole machine that includes certain parts working together to do a certain job.

5. The thin edge of the \_\_\_\_\_ is put in position of an object and then the object begins to spread apart as the wider part of it gets pushed into it.

6. The \_\_\_\_\_ gear comes after the driver gear.

8. Something that humans have created or built to help them do work and make jobs easier

11. The \_\_\_\_\_ screw is a mechanical device made of a long tube with a large screw inside.

13. The individual parts (usually simple machines) that make up subsystems.

15. The \_\_\_\_\_ Wheel had a long rope with buckets tied around it that would collect water from a source and lift it up.

16. Makes it easier to move objects by sliding or rolling them up or down instead of lifting them straight up or down.

22. The entire, complex machine, all parts working together.

23. \_\_\_\_\_ machines are tools that use energy but make work easier.

24. The force that is put into a lever for it to do work.