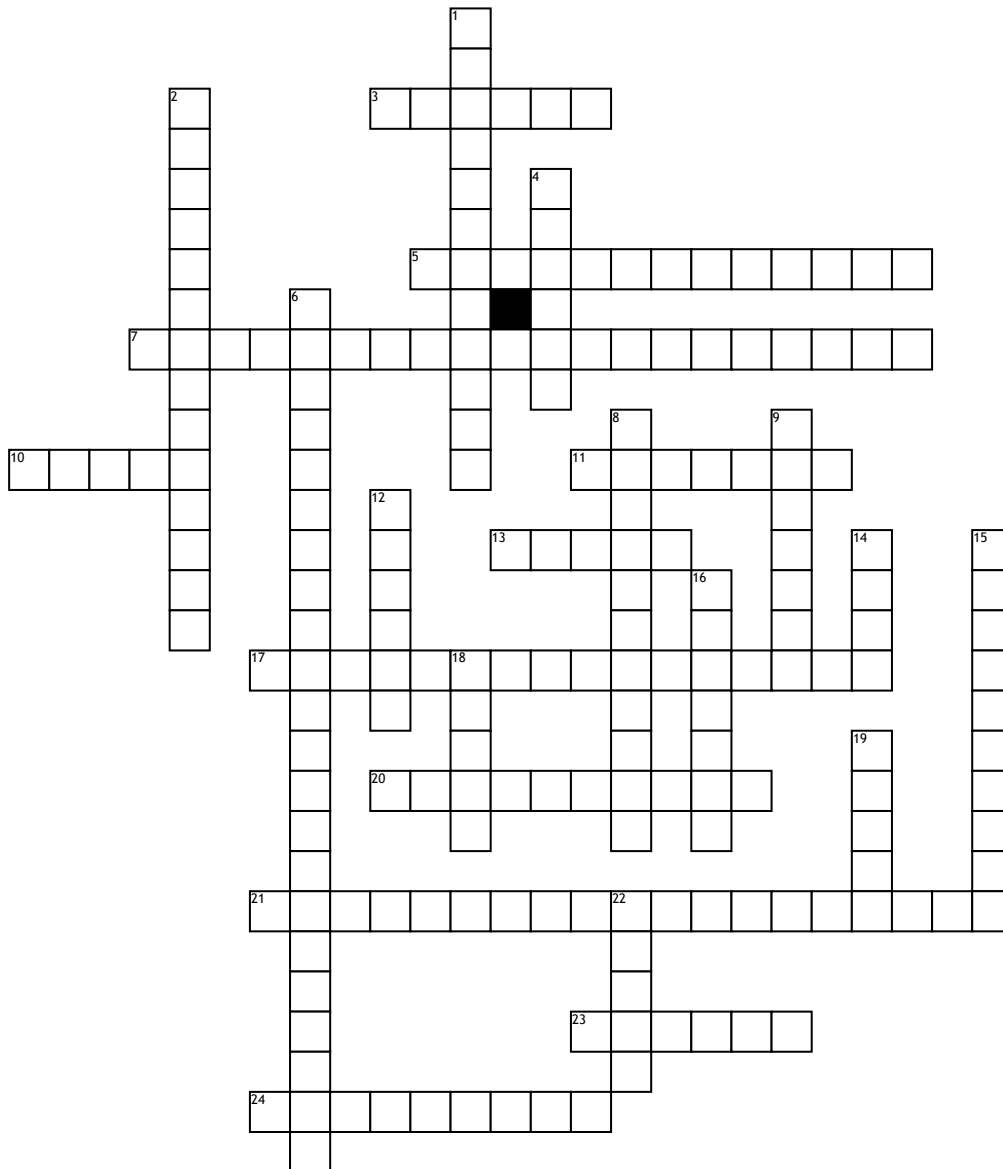


Name: _____ Date: _____ Period: _____

Physical science



Across

3. The _____ is the highest point of a wave
5. A _____ is a simple machine that is a straight slanted surface
7. _____ is a quantity that measures the ratio of work output to work input
10. A _____ is a simple machine that is made up of two inclined planes
11. What is a device that helps do work by either overcoming a force or changing the direction of the applied force
13. A _____ is a simple machine that is an inclined plane wrapped around a cylinder
17. A _____ is a wave in which the particles of the medium vibrate parallel
20. _____ is the work done by a machine
21. What is a number that tells how many times a machine multiplies force

23. Newton's _____ law of motion states that the heavier the object, the more force it takes to make the object speed up or slow down

24. _____ is the work done on a machine

Down

1. A _____ is a simple machine consisting of two circular objects of different sizes
2. A _____ is a wave in which the particles of the medium move perpendicularly
4. A _____ is a simple machine that consists of a wheel over which a rope, chain, or a wire passes
6. Another name for Newton's third law of motion is...
8. _____ is the distance from any point on a wave to the identical point on the next wave

9. Another name for Newton's first law of motion is...

12. The _____ is the lowest part of the wave

14. A _____ is any disturbance that transmits energy through matter or empty space

15. Another name for Newton's second law of motion is...

16. What is the fixed point that the bar on a lever pivots around

18. Newton's _____ law of motion states that for every action there is an equal and opposite reaction

19. Newton's _____ first law of motion states that an object in motion will stay in motion and an object at rest will stay at rest unless it is acted upon by an unbalanced force

22. A _____ is a simple machine that has a bar that pivots around a fixed point