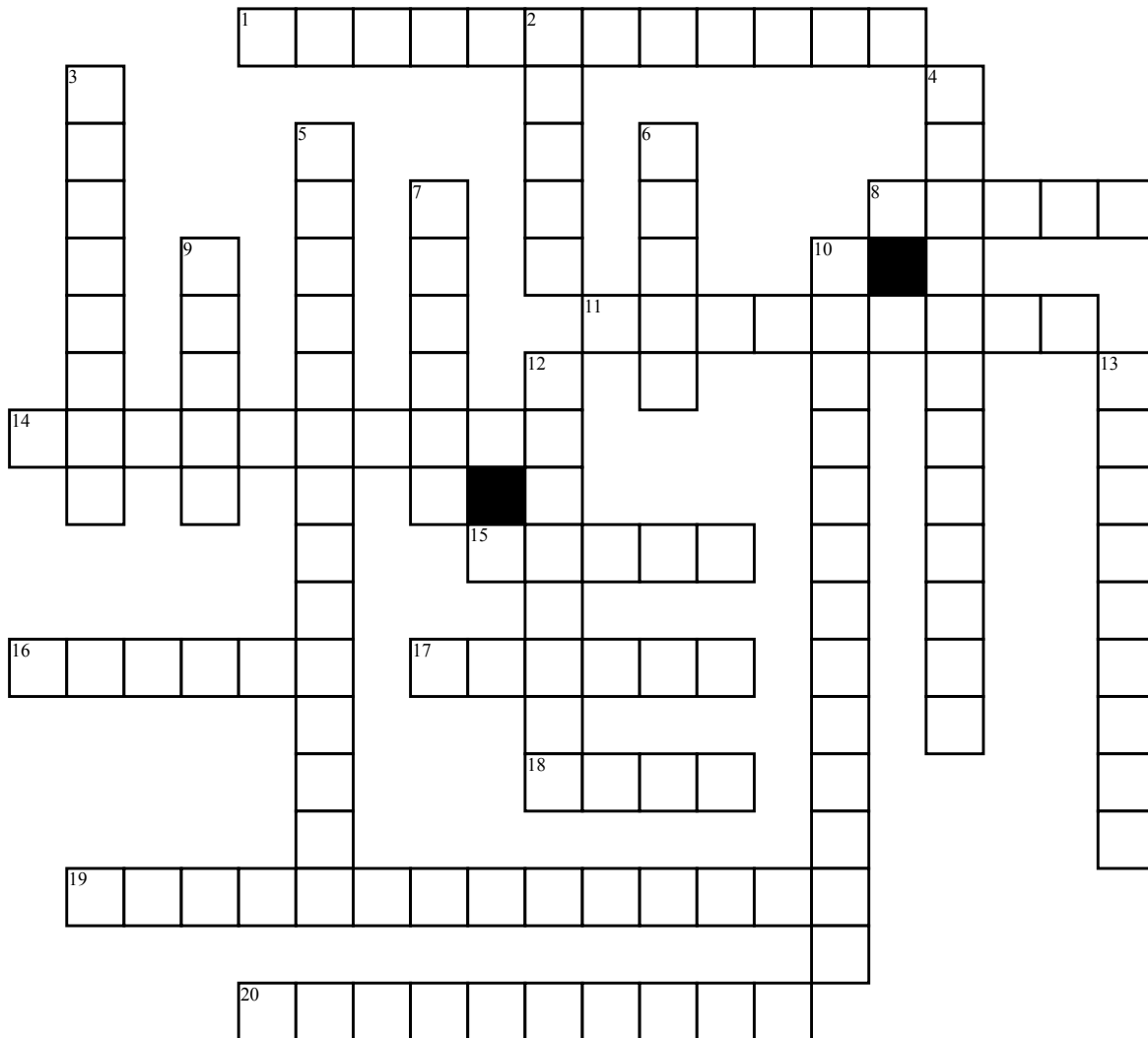


Simple Machines, Newton's Laws, and Waves



Across

1. Vibrations are parallel to the direction of travel.
8. Used to split thing apart.
11. Acceleration of an object depending on the mass.
14. Length of a full cycle of a wave.
15. What is the top of the wave called?
16. What is the bottom of the wave called?
17. What raises and lowers objects?

18. When a force changes the motion of an object.

19. Where did the name, Newton's Laws come from?
20. Vibrations are perpendicular to the direction of travel.

Down

2. How many laws were there?
3. An external unbalanced force.
4. Simple machine consisting of two circular objects of different sizes.

5. Tools with few or no moving parts.

6. Simple machine that consists of a bar that pivots at a fixed point.
7. What do waves only transfer?
9. What holds thing together, or lift them?
10. Another word for a ramp.
12. Every action there is an equal and opposite reaction.
13. Middle of the wave.