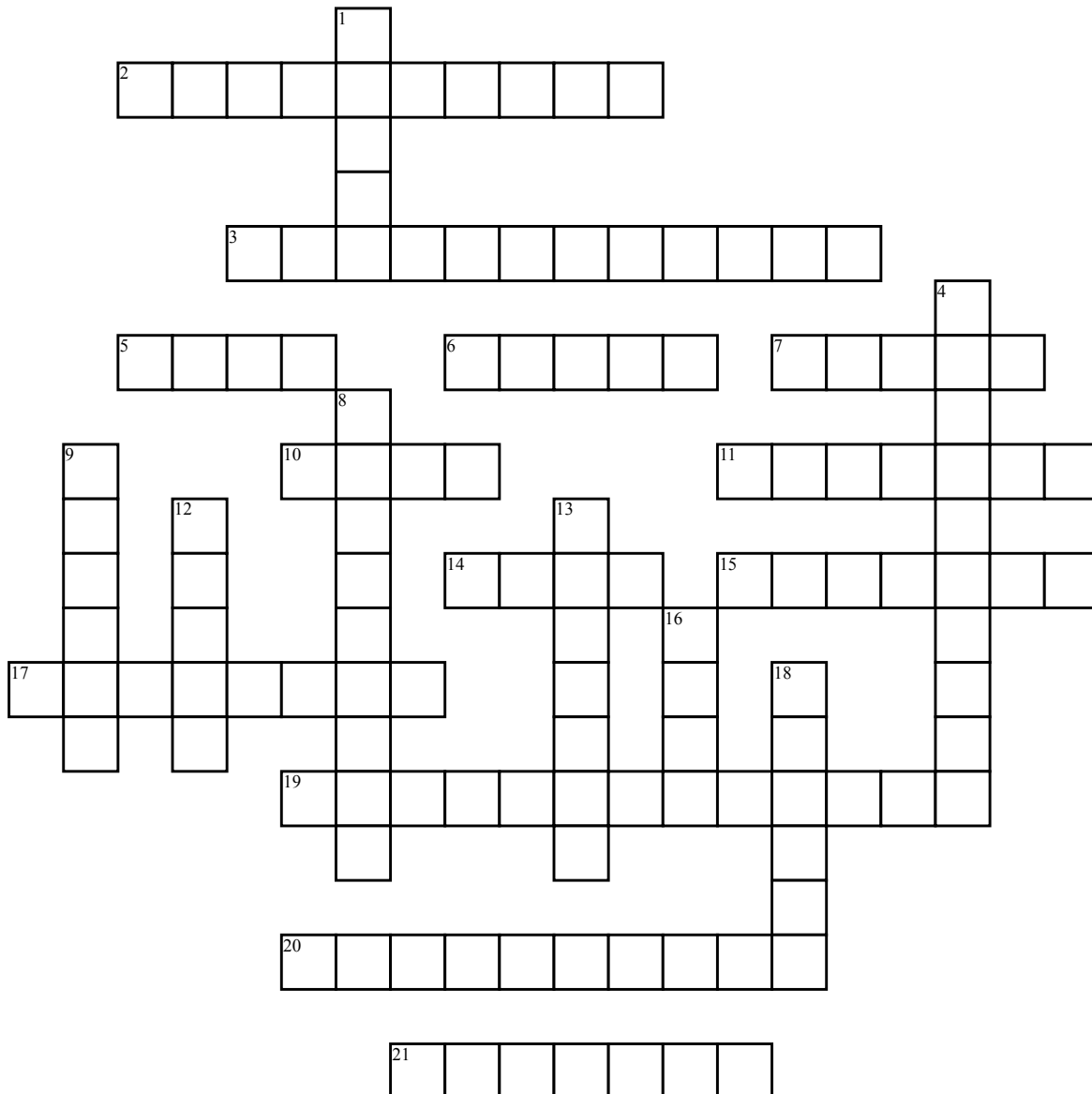


# Simple Machines



## Across

2. unit to measure power; 550 foot-pounds per second
3. wheel or crank attached to a rod
5. machine used for lifting very heavy objects
6. Use this to gain force, speed, or distance
7. inclined plane wrapped around a cylinder
10. applying force to move an object from one place to another

11. force of attraction between two masses

14. wheel with teeth or cogs that engage others

15. objects at rest stay at rest, objects in motion keep moving

17. resistance caused when one object moves against another

19. leaning surface along which objects can be pulled or pushed

20. Work done compared to work put in

21. "resting" point of a lever

## Down

1. simple machine that is thick at one end and slopes to a thin edge at the other

4. force to be overcome by a machine

8. unit for measuring work done

9. force exerted on a machine

12. push or a pull

13. device used to make work easier

16. weight placed on a machine

18. grooved wheel over which a rope or chain is passed