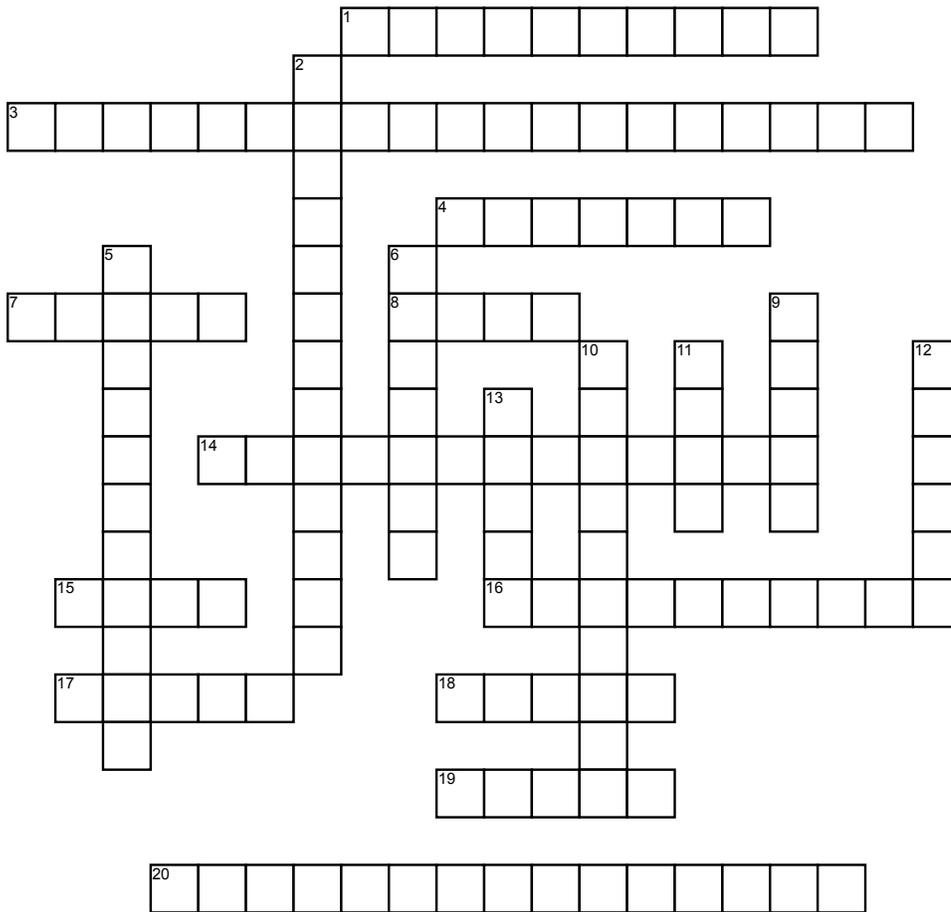


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Work and Machines Crossword Puzzle



## Across

- 1. is the load/output force
- 3. ratio of the force to the force applied to it
- 4. where it pivots
- 7. unit when calculating energy
- 8. reduces friction
- 14. example; a ramp
- 15. force x distance

- 16. useful work produced by a machine
- 17. a wedge and inclined plane joined together
- 18. wheels with teeth
- 19. example; seesaw
- 20. consists of more than one simple machine

## Down

- 2. can help make work easier

- 5. the load/resistance
- 6. makes work easier by increasing distance and decreasing force
- 9. example; a tire
- 10. the effort
- 11. is the resistance/output force
- 12. used to balance or move objects
- 13. example; an axe