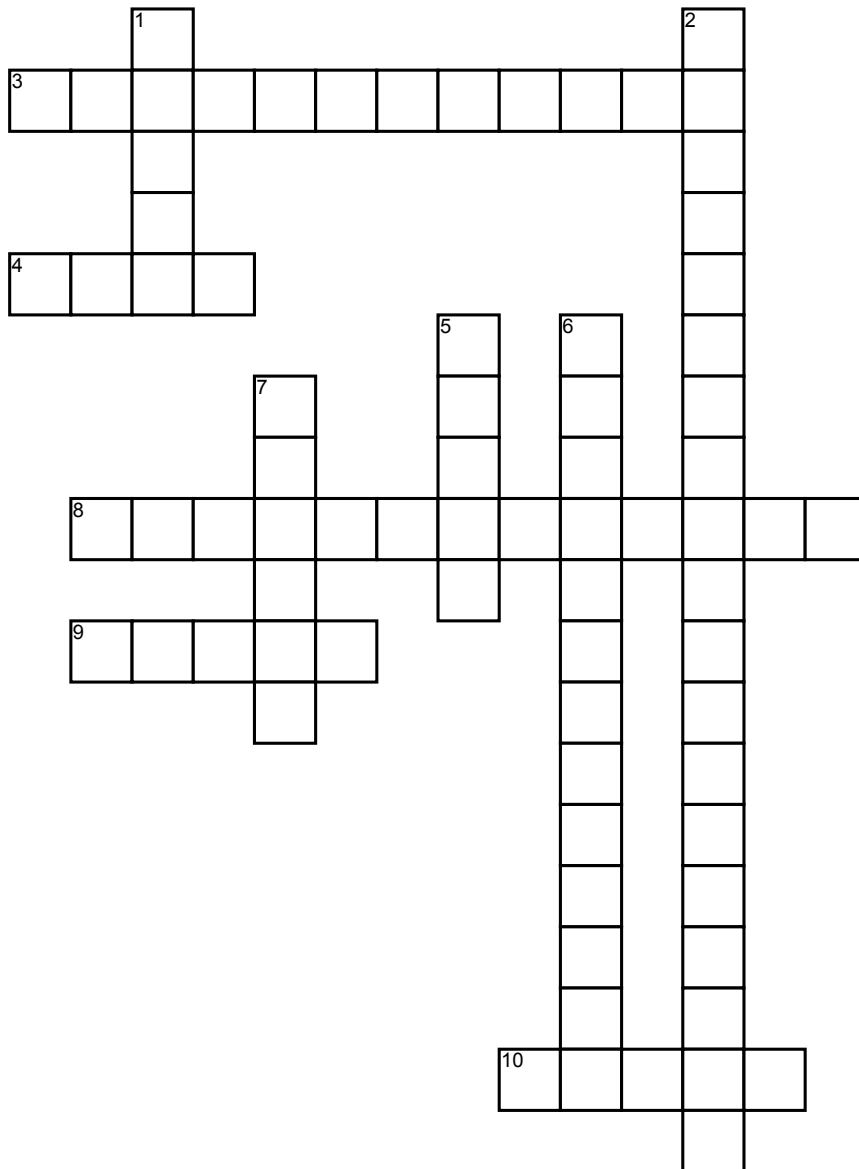


Name: \_\_\_\_\_

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

# simple machines project



## Across

- 3. a simple machine that consists of a rope which unwinds from a wheel on to a cylindrical drum or shaft joined to the wheel to provide mechanical advantage
- 4. the product of distance and the force in the direction an object moves
- 8. a flat supporting surface tilted at an angle with one side higher than the other, used as an aid for raising or lowering a load
- 9. long and thin metal shaft with thread spiralling along its length

- 10. a triangular shaped tool and a portable inclined plane that can split objects into 2 or more pieces

## Down

- 1. A type of simple machine that has the components of a bar that has pivot/fulcrum to support the beam continuing over its middle
- 2. the ratio of the output force to the input force
- 5. the rate of doing work
- 6. a machine that only does one task
- 7. a wheel with a grooved rim around which a cord/rope passes