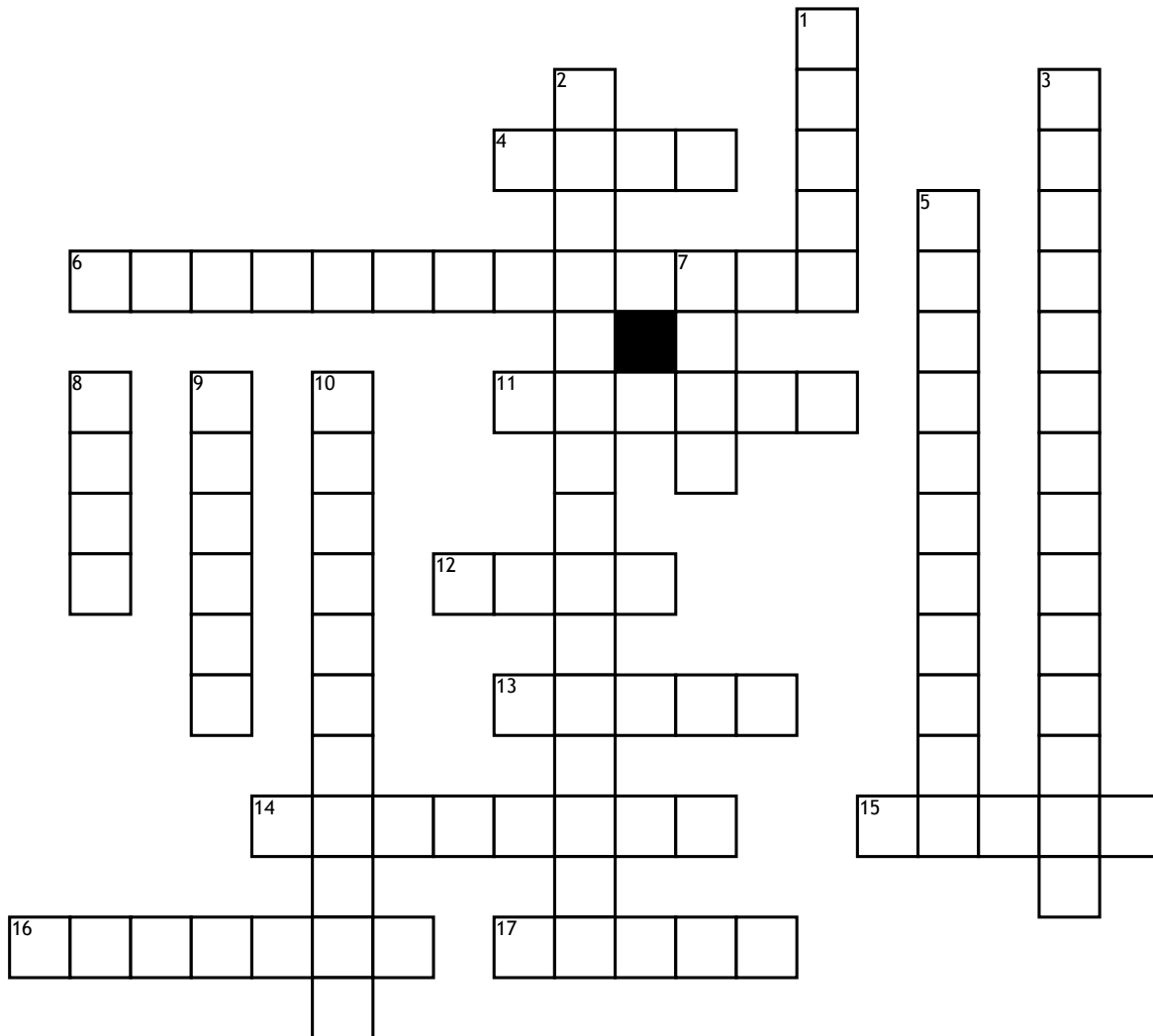


Name: \_\_\_\_\_

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

# Forces and Machines



## Across

4. when you use force to make something move

6. another name for a sloped surface like a ramp

11. a rope or chain that is wrapped around a grooved wheel

12. a sloped surface

13. an inclined plane that is wrapped around a central core

14. a force that resists movement

15. a straight rod or board that turns on a fixed point

16. the fixed point on which a lever turns

17. a simple machine with a thick end and a thin end which is used to lift, hold or push things apart

## Down

1. a push or a pull on an object

2. combination of at least two simple machines

3. WW.

lever, wheel, axle, pulley, wedge, and inclined plane are all examples of

5. the force that is needed to push, pull or lift an object

7. the rod on which a wheel turns

8. the weight of an object you are trying to move

9. the measure of the force of gravity on an object

10. when the forces on an object are balanced