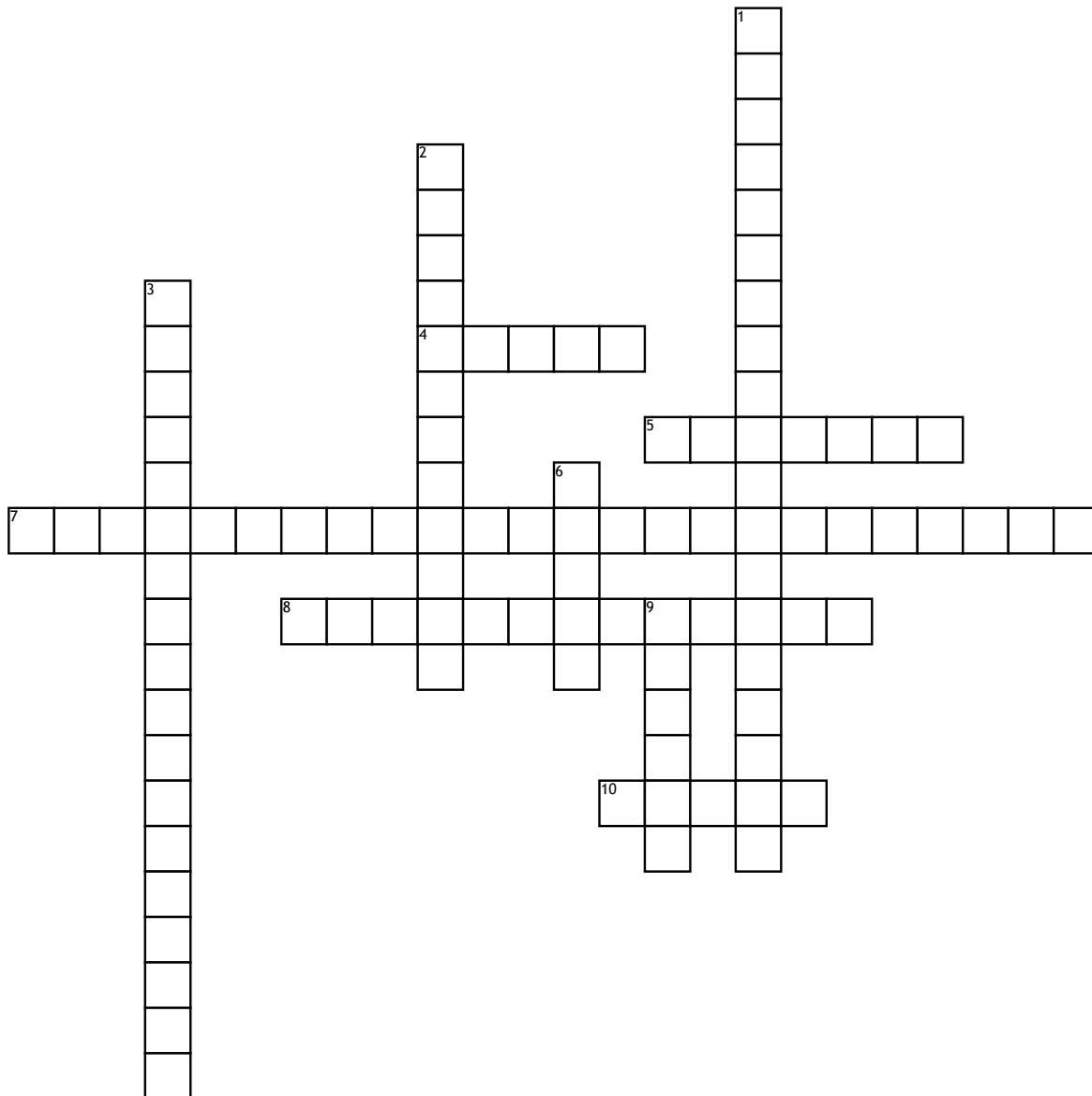


Name: \_\_\_\_\_

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

# Simple Machines



## Across

4. It is perfect for lifting heavy loads or moving loads with this simple machine
5. the point on which a lever rests or is supported and on which it pivots.
7. advantage of a machine that has no friction
8. simple machine with no moving parts and allows someone to use less force to move an object
10. It can be used to separate two objects and hold an object in place.

## Down

1. the ratio of the force produced by a machine to the force applied to it
2. involves two circular objects joined at the centre there needs to be two parts to it in order to become a simple machine
3. the force that is being applied to machine and the force the machine applies to the object
6. It helps us hold things together and is a inclined plane around a cylinder
9. a wheel with a grooved rim around it which is attached with a rope. Usually used to lift heavy objects.