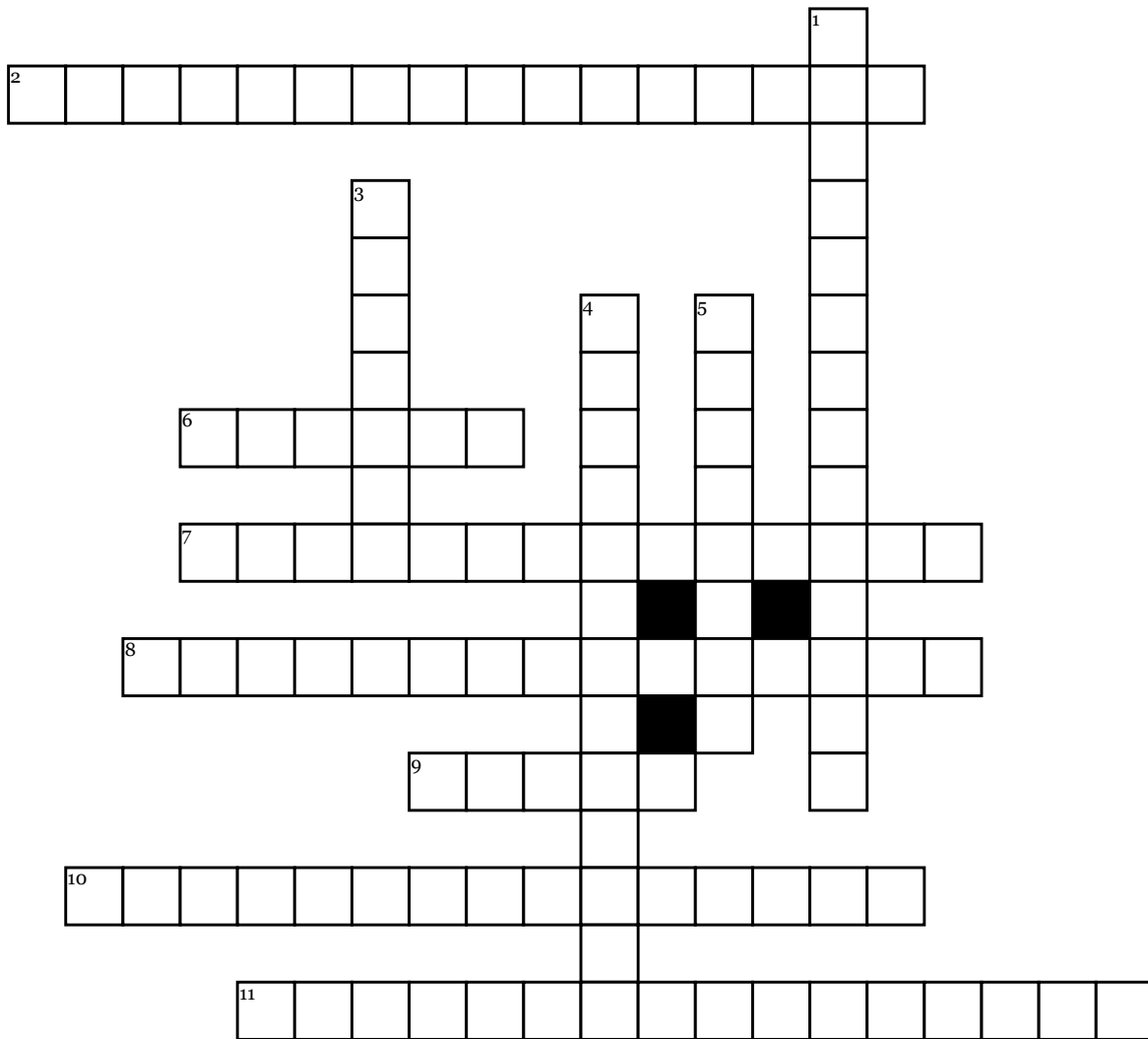


Name: \_\_\_\_\_

# Chap. 12 Vocab



## Across

2. The constant velocity of a falling object when a force of air resistance equals the force of gravity.
6. The SI unit for force, equal to the force that causes a 1-kilogram mass to accelerate at a rate of 1 meter per second squared
7. When the forces on an object are balanced, the net force is zero and there is no change in the object's motion.
8. A Friction force that opposes the motion of an object as it slides over a surface
9. A push or a pull that acts on an object

10. A friction force that acts on rolling objects caused by the change in shape at the point of rolling contact.

11. A force that results when the net force acting on an object is not equal to zero

## Down

1. A friction force that acts on objects that are not moving
3. The tendency of an object to resist a change in its motion
4. A friction force that opposes the motion of an object through a fluid
5. The overall force acting on an object after all the forces are combined