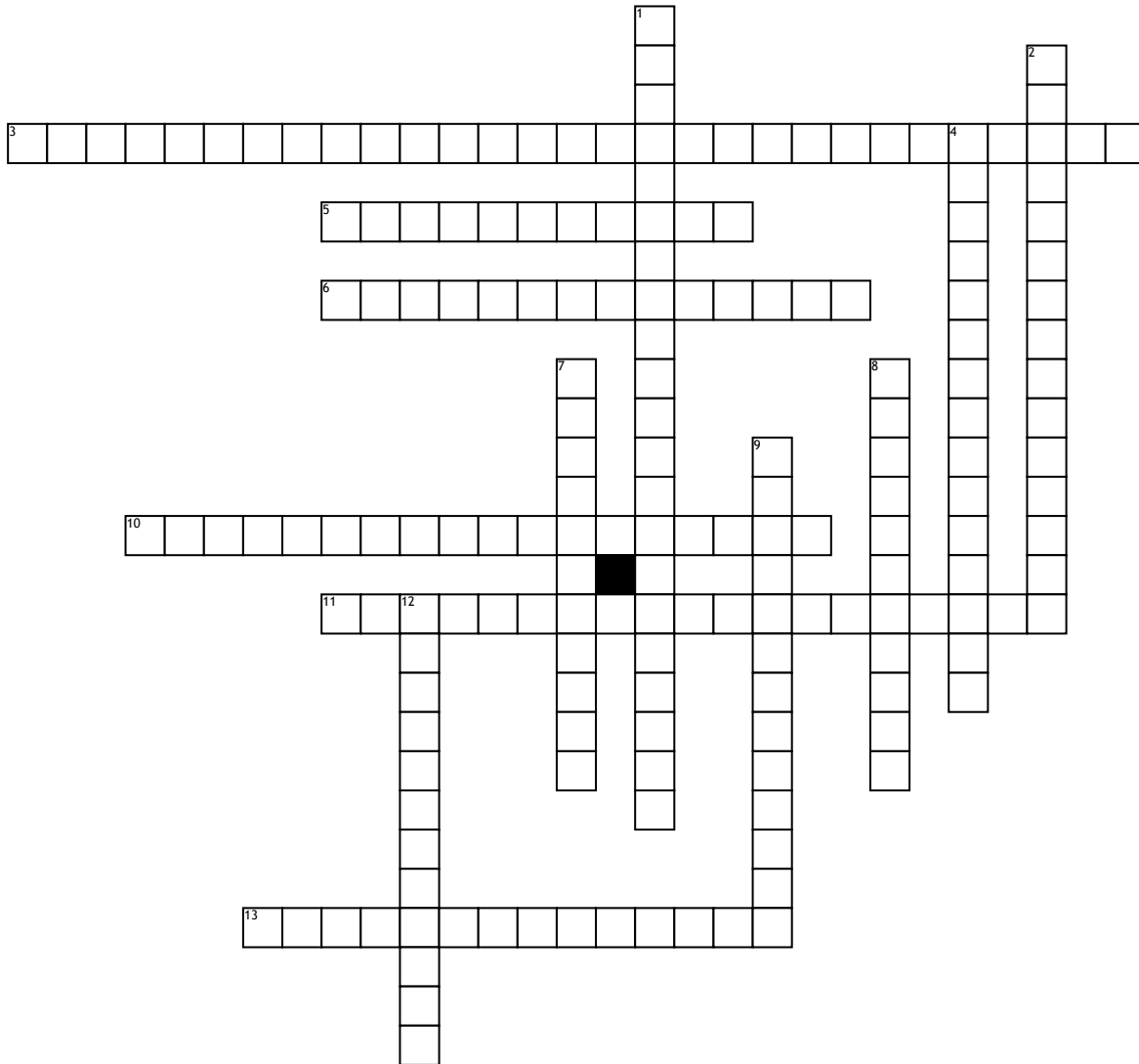


Name: \_\_\_\_\_

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

# Physics vocab



## Across

3. The force exerted on one surface by the other when the surfaces are in relative motion

5. balance

6. unbalanced

10. an attractive force that acts between any two objects

11. the minimum force required to overcome static friction and move an object

13. Two or more concurrent forces into which single force may be resolved and having a net effect on a rigid body equivalent to that of the initial force. for convenience in structural analysis, these are usually the rectangular or cartesian component of the initial force

## Down

1. the ratio of the force of friction to the normal force acting between two objects  
2. a flat crosswise plane, such as the horizon

4. shows all of the forces acting on an object

7. the force perpendicular to a surface that prevents an object from falling through the surface

8. The force exerted by a compressed or stretched spring upon any object that is attached to it

9. a slanted surface along which a force moves an object to a different elevation

12. a force which is applied to an object by a person or another object