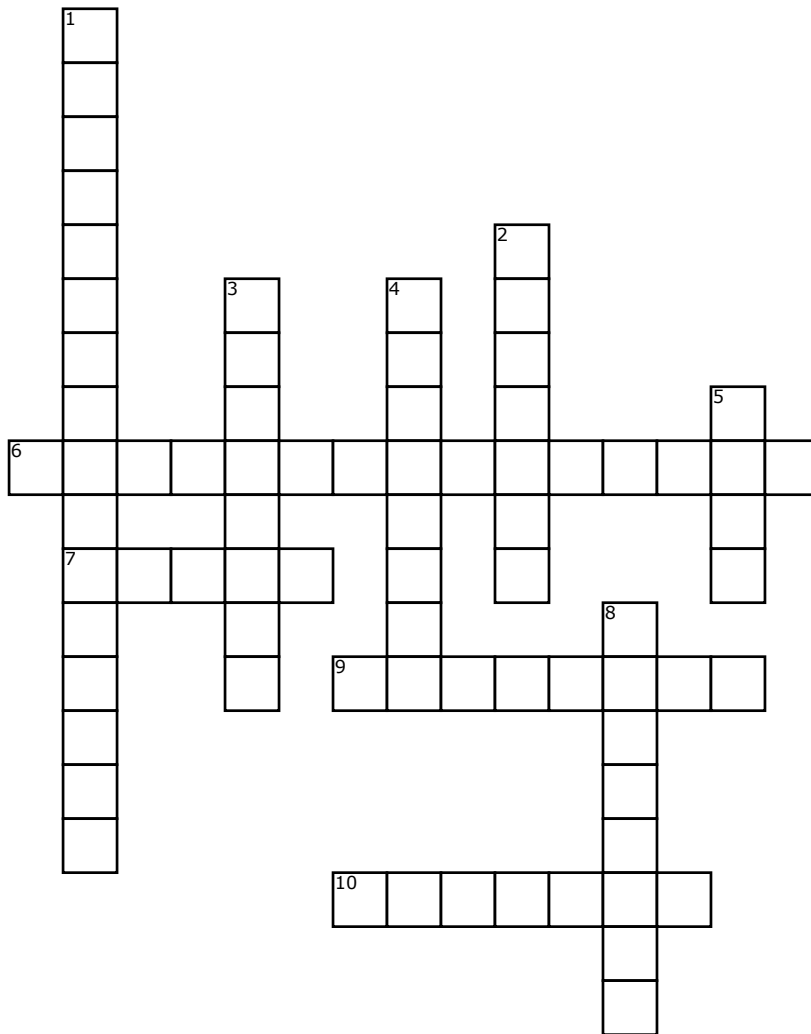


Name: \_\_\_\_\_

# Gravity



## Across

- 6.** A force is a push or a pull that acts upon an object as a results of its interaction with another object.  
**7.** The gravity around a planet  
**9.** is the vector sum of forces acting on a particle or body  
**10.** Whats Newtons 1st law

## Down

- 1.** a net force acts on an object, it will cause an acceleration of that object.

## Word Bank

net force  
newton's third law  
Mass  
orbit

distance  
Inertia  
Gravity

friction  
velocity  
newton's second law

- 2.** What is the force that keeps you down  
**3.** the speed of something in a given direction.  
**4.** an amount of space between two things or people  
**5.** Is a measure of the amount of matter in an object  
**8.** the resistance that one surface or object encounters when moving over another.