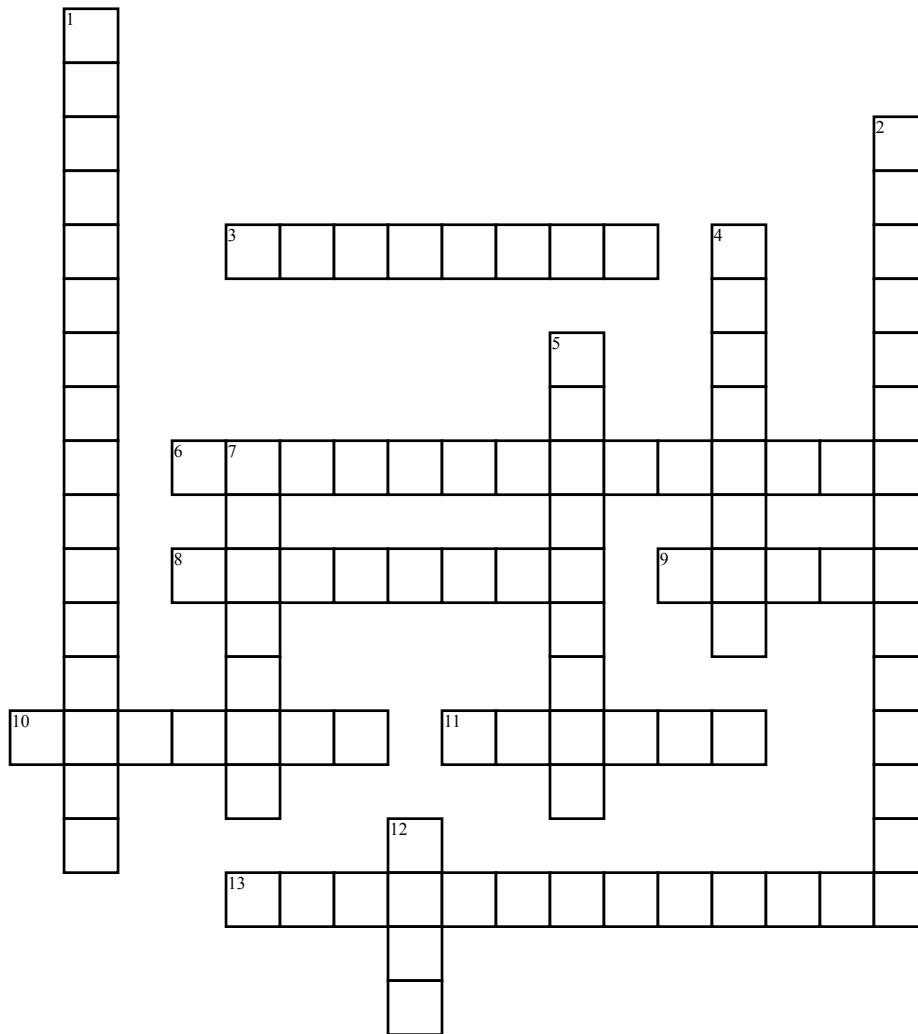


Force & Motion Crossword



Across

3. a measure of how hard it is to stop a moving object
 6. any motion in which an object is moving along a curved path
 8. combination of all the forces acting on an object
 9. push or pull on an object
 10. attractive force that exist between all objects that have mass

11. gravitational force exerted on an object

13. Causes no change in the motion of an object

Down

1. in circular motion, a force that acts perpendicular to the direction of motion, toward the center of the curve

2. forces acting on an object that combine and form a net force that is not zero

4. a force that resists the motion of two surfaces that are touching

5. the forces two objects apply to each other

7. an object that tends to resist a change in motion

12. amount of matter in an object

Word Bank

Balanced Force	net force	force	unbalanced force	inertia
circular motion	momentum	gravity	mass	weight
friction	centripetal force	force pair		