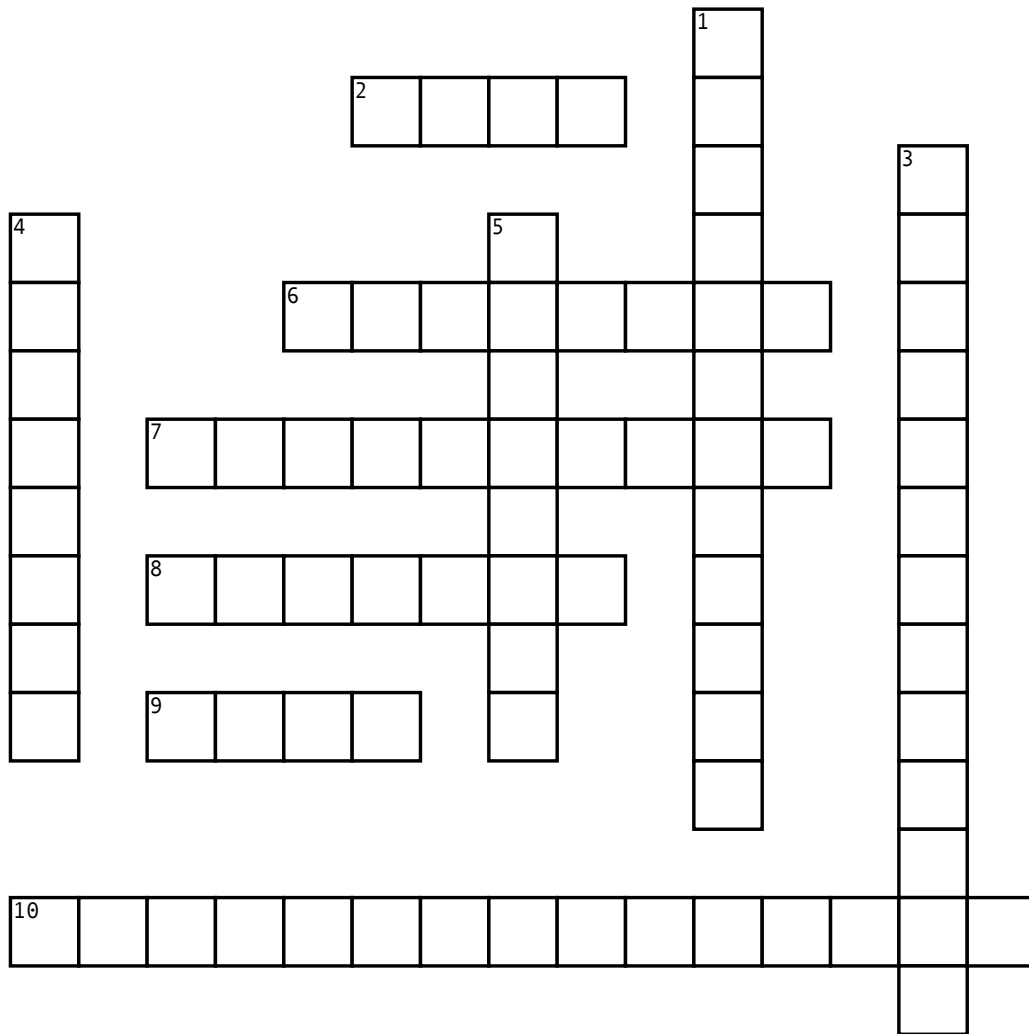


# motion and forces



## Across

2. Exert force on someone or something
6. An object moving downward under the force of gravity
7. No movement at all
8. a tendency to do something or to remain unchanged
9. Exert force on someone or something that moves towards one self
10. The energy passed by a body virtue of its position relative to others

## Down

1. Increase in the rate or speed of something
3. Energy which a body possesses by virtue of being in motion
4. The quantity of motion of a moving body, measured as a product of its mass and velocity
5. The speed of something in a given direction

## Word Bank

inertia	pull	velocity
kinetic energy	potential energy	push
stationary	acceleration	momentum
free fall		