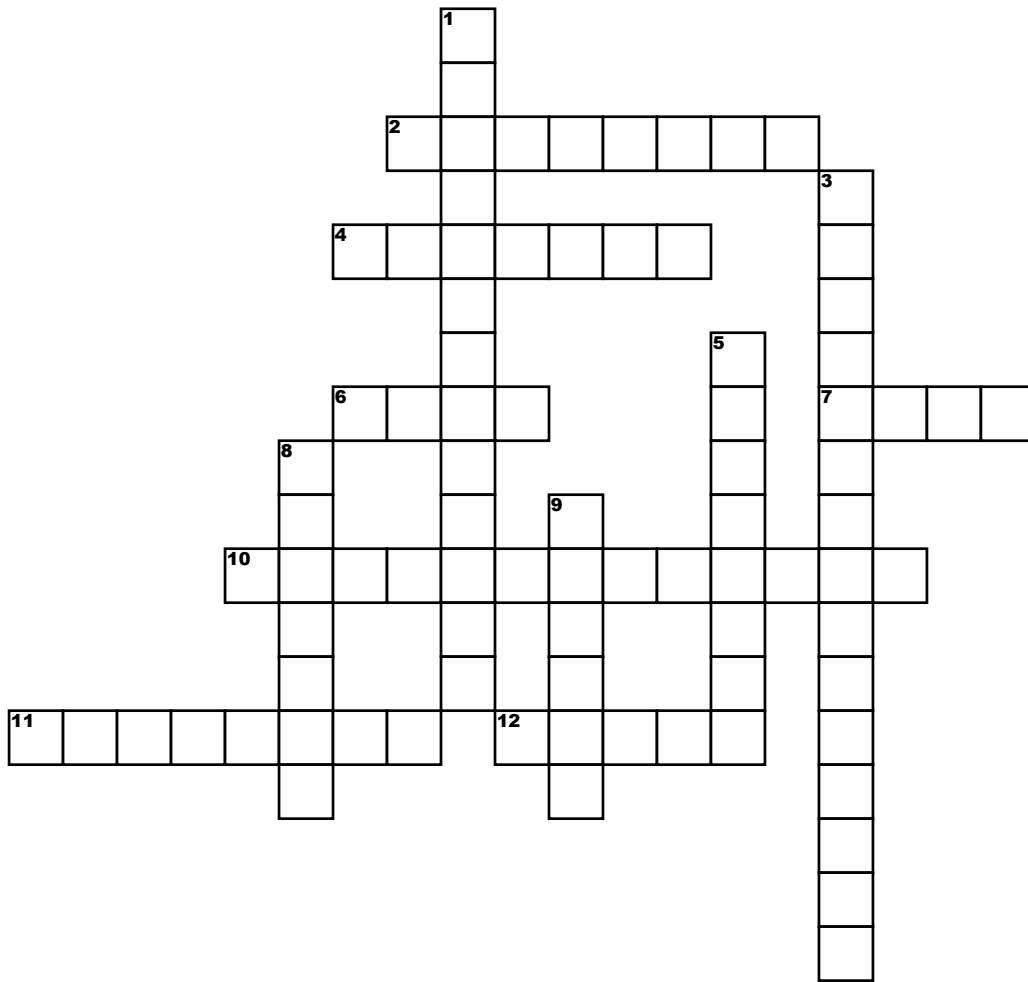


Force and Motion vocabulary



Across

- 2.** A force that opposes the motion of an object
- 4.** Property of matter that makes matter resist a change in motion
- 6.** The measure of the amount of matter in an object
- 7.** The weight of an object that is lifted or carried

Word Bank

Gravity
Friction
Load
Newton

- 10.** Equal forces acting on an object in opposite directions
- 11.** The product of an object's mass and velocity
- 12.** A push or a pull on an object

Down

- 1.** The fluid friction experienced by object falling through the air

- 3.** Forces that produce a nonzero net force, which changes an object's motion
- 5.** The sum of all forces acting on an object
- 8.** The force that pulls objects toward each other
- 9.** The SI unit of force

Momentum
Unbalanced Force
Inertia
Mass

Air Resistance
Balanced Force
Force
Net Force