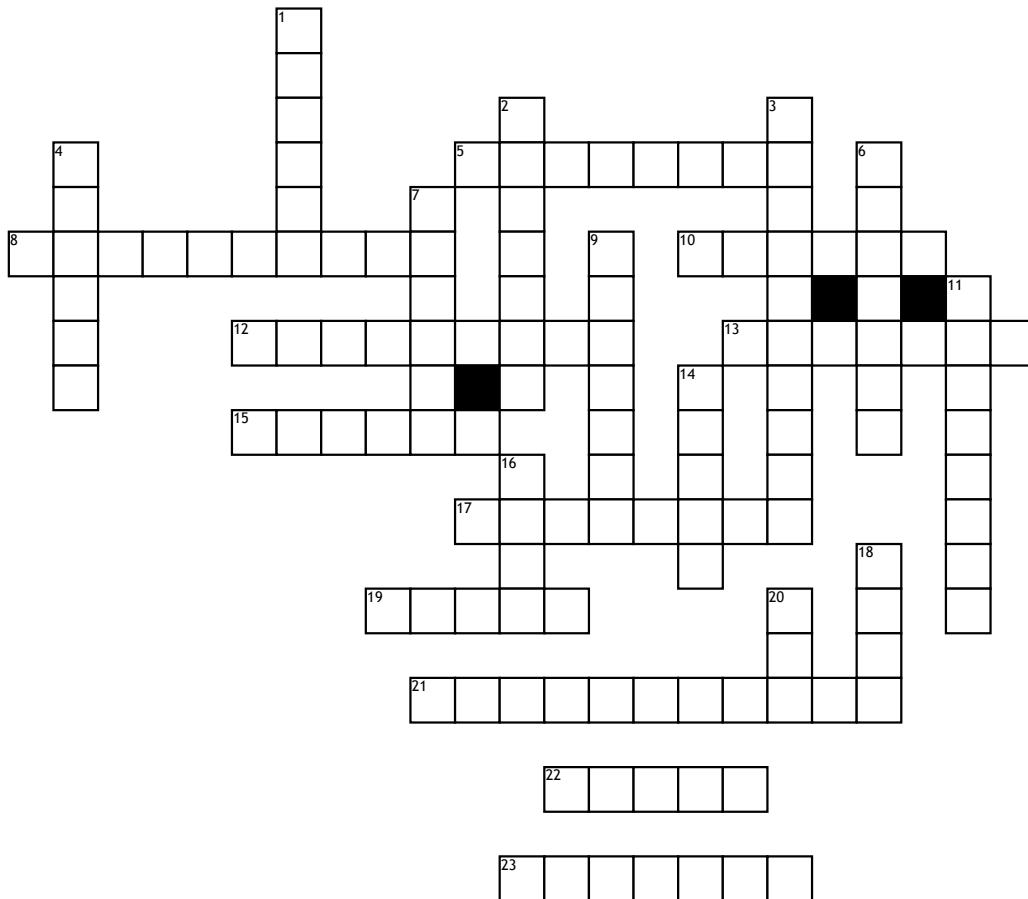


Name: _____

Newton's Laws



Across

- 5. Force that opposes motion
- 8. Object thrown or launched
- 10. Force that acts on objects not moving
- 12. He made scientific discoveries using careful observation and logic
- 13. He works helped correct misconceptions about force and motion
- 15. $F=ma$
- 17. Net force on an object is zero
- 19. Known as the law of inertia
- 21. He introduced the laws of motion

- 22. Force that opposes motion of objects in liquids or gases
- 23. Force that acts on rolling objects

Down

- 1. Measure of the force of gravity acting on an object
- 2. 9.8 m/s/s
- 3. Net force on an object is not zero and the object accelerates
- 4. Scale used to measure mass of an object
- 6. Force that opposes the motion of an object sliding across a surface

- 7. SI unit of force

- 9. Tendency of an object to resist motion

- 11. Constant velocity of a falling object when gravity equals air resistance

- 14. A push or pull that acts on an object.

- 16. Measure of the inertia in an object

- 18. Gravity is one-sixth that on Earth

- 20. Overall force acting on an object

Word Bank

terminal	Inertia	mass	gravity	net	First
Friction	Aristotle	unbalanced	IsaacNewton	Second	force
Sliding	Moon	Galileo	Fluid	Rolling	Balanced
Static	projectile	spring	weight	Newton	