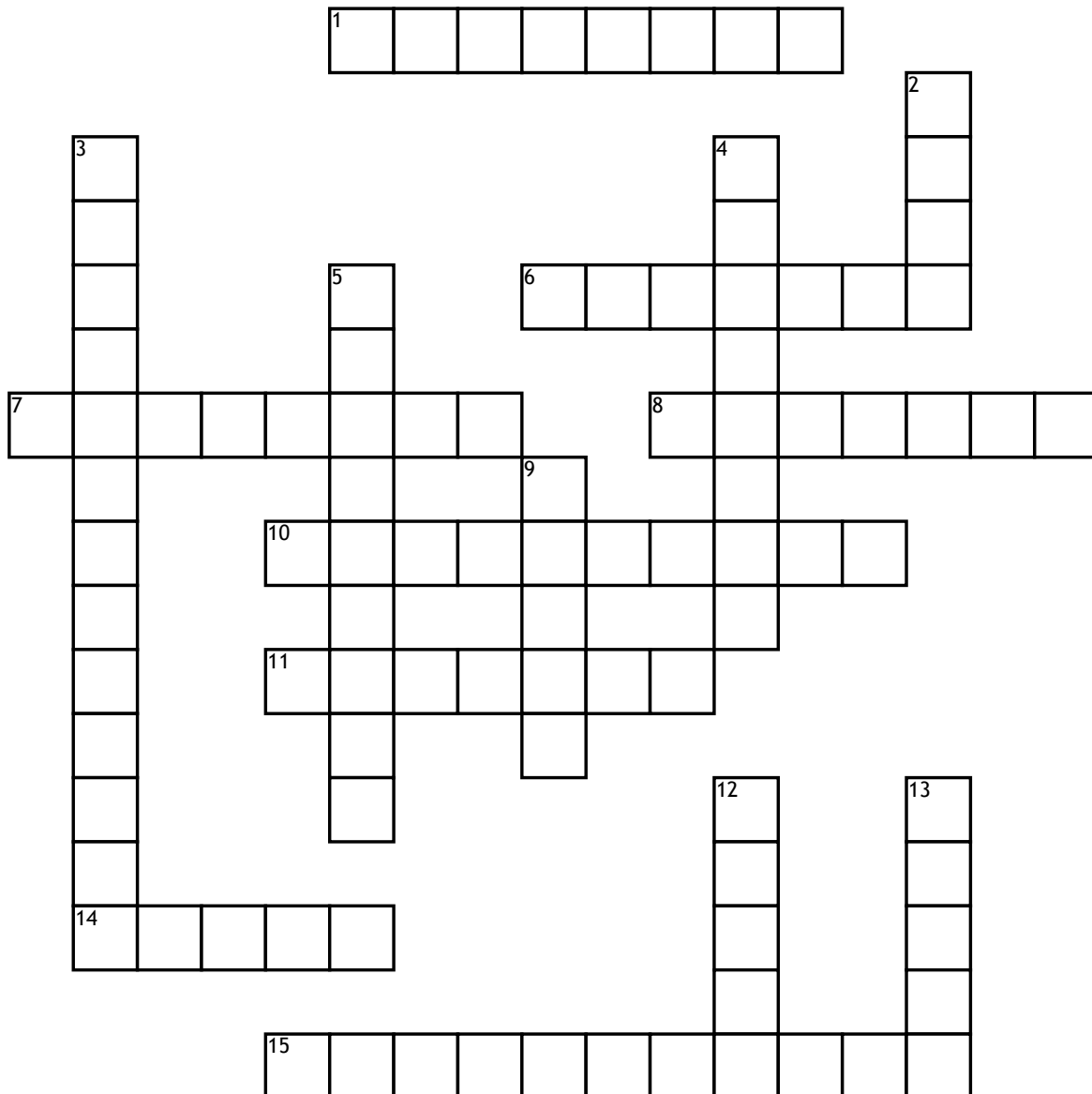


Force and Motion



Across

1. Occurs when two objects rub together
6. Units used to represent force
7. Objects will not move with this type of force
8. Example of this friction is a bowling ball on a bowling lane

10. Objects will only move with this kind of force
11. Example of this friction is an ice skate on ice
14. Equal opposite reaction law
15. Force and this affect friction

Down

2. Amount of matter in an object

3. Mass and this affect gravity
4. Total amount of force acting on an object
5. Shows the relation between force, mass, and acceleration
9. Friction with water or air
12. The law of inertia
13. A push or pull