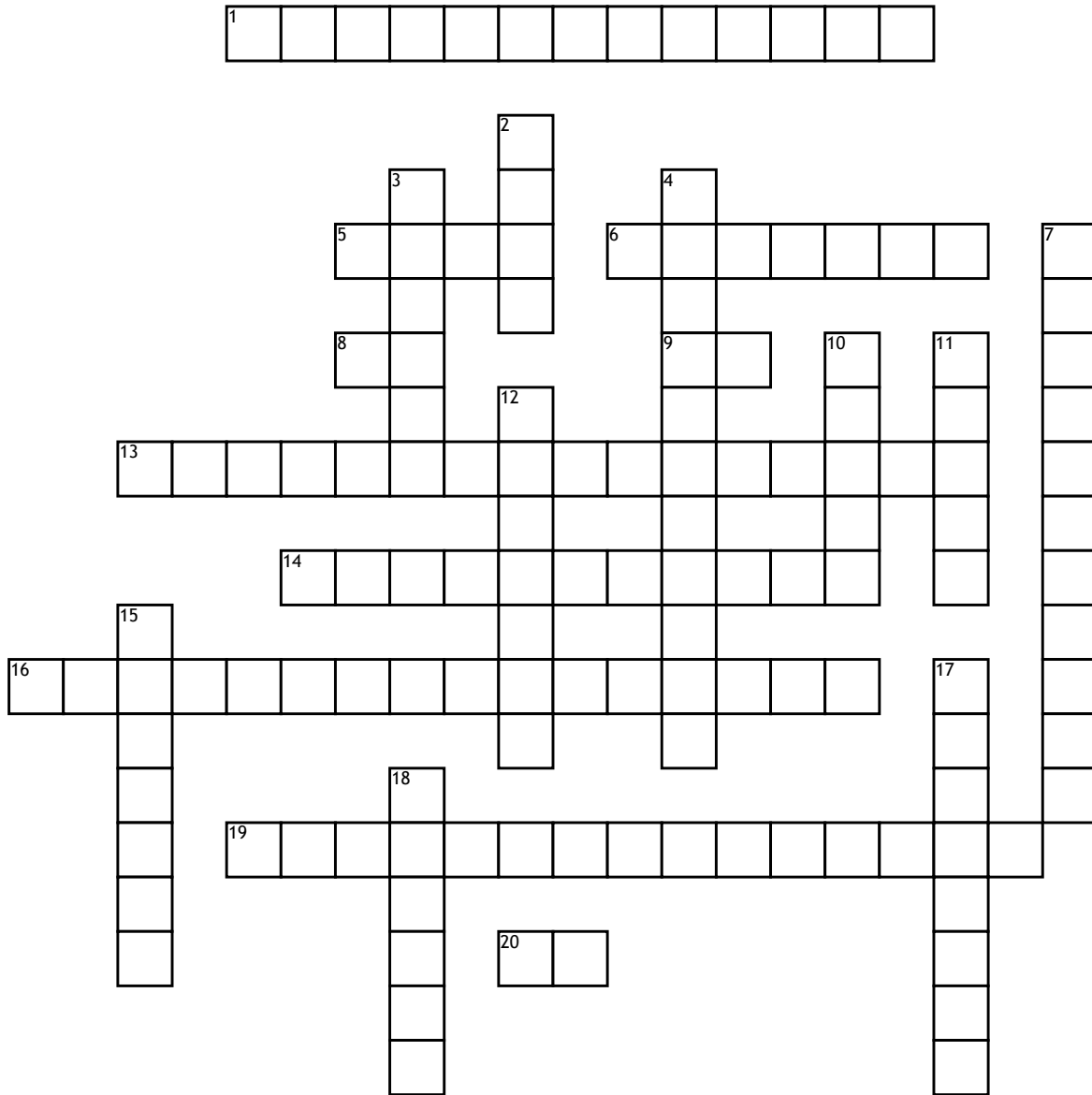


Newton's Laws



Across

1. every action has an _____ reaction
5. greater mass= _____ acceleration
6. _____ Force requires touching
8. symbolic representation of weight
9. $F=$ _____
13. The a of an object is directly proportional to the _____ acting on the object
14. a reaction force that any object exerts when pushed on

16. If there is no net force acting on an object, then the object will maintain a _____

19. The chart of the forces acting on an object
20. symbolic representation of normal force

Down

2. The a of an object is inversely proportional to the _____ of the object
3. a force pulling any object toward the center of the Earth
4. force in opposition to weight

7. If there is no net force on an object, the object is at _____

10. a _____ is a push or pull that may change an object's state of motion
11. No contact is required for a _____ Force
12. greater force= _____ acceleration
15. Word meaning 'tendency of an object to maintain its current state of motion'
17. inertia is a _____ measurement
18. The unit of force