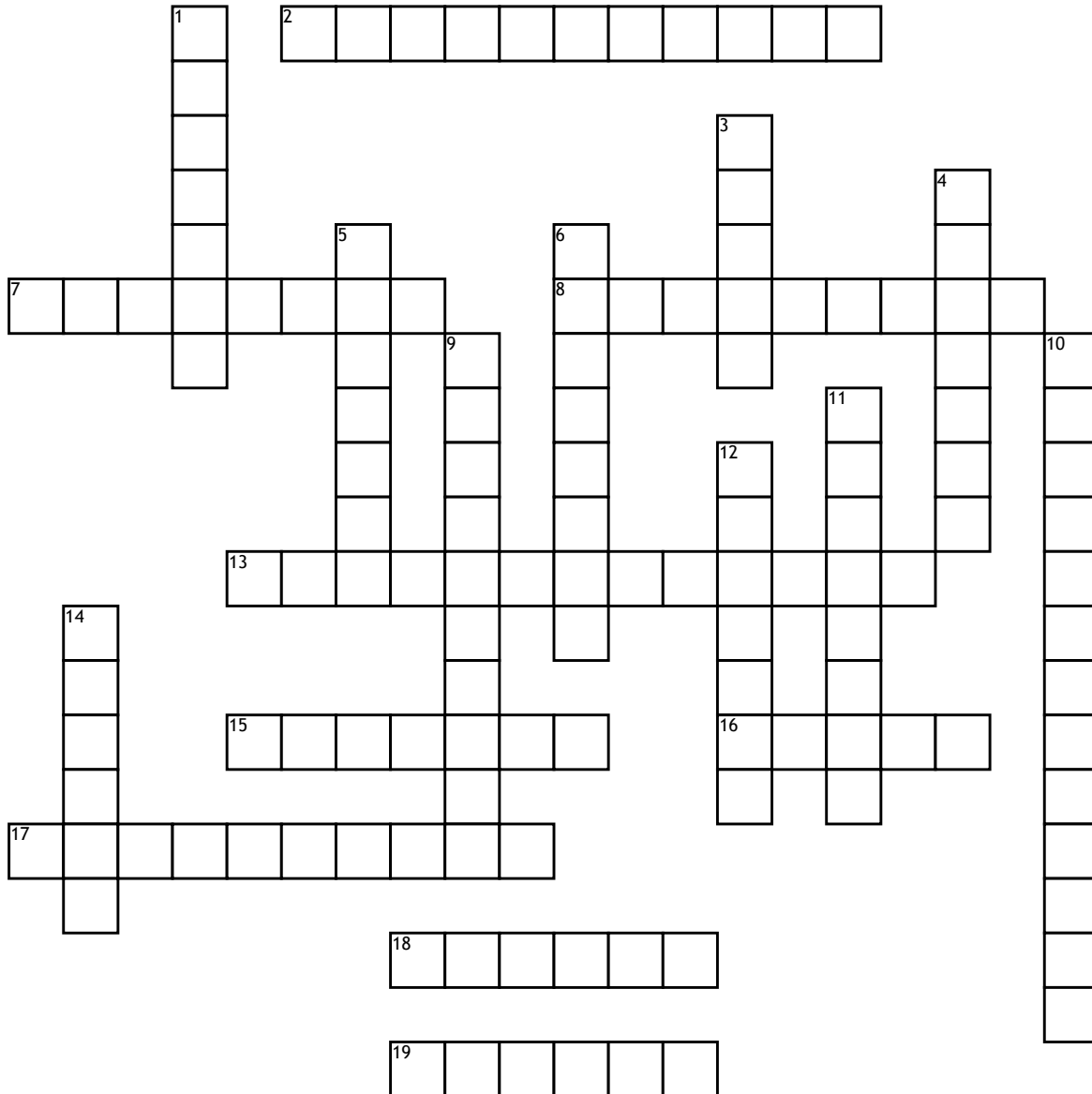


# Forces



## Across

2. force that keeps moon in orbit  
 7. mass times velocity equals  
 8. scientist the incorrectly said force is needed to keep objects moving  
 13. reduces the acceleration of falling objects  
 15. Friction that is less than static  
 16. equal but opposite force law

17. force causes acceleration  
 18. purposed laws of motion  
 19. opposes your push

## Down

1. said rolling objects without friction would keep moving  
 3. Inertia law  
 4. Friction that is 100 to 1000 times less than static and sliding  
 5. powerful force within the atom

6. attractive or repulsive force of opposite poles  
 9. the motion of a thrown ball  
 10. the net force is zero  
 11. electron universal force  
 12. force that attracts two objects  
 14. law  $f=ma$