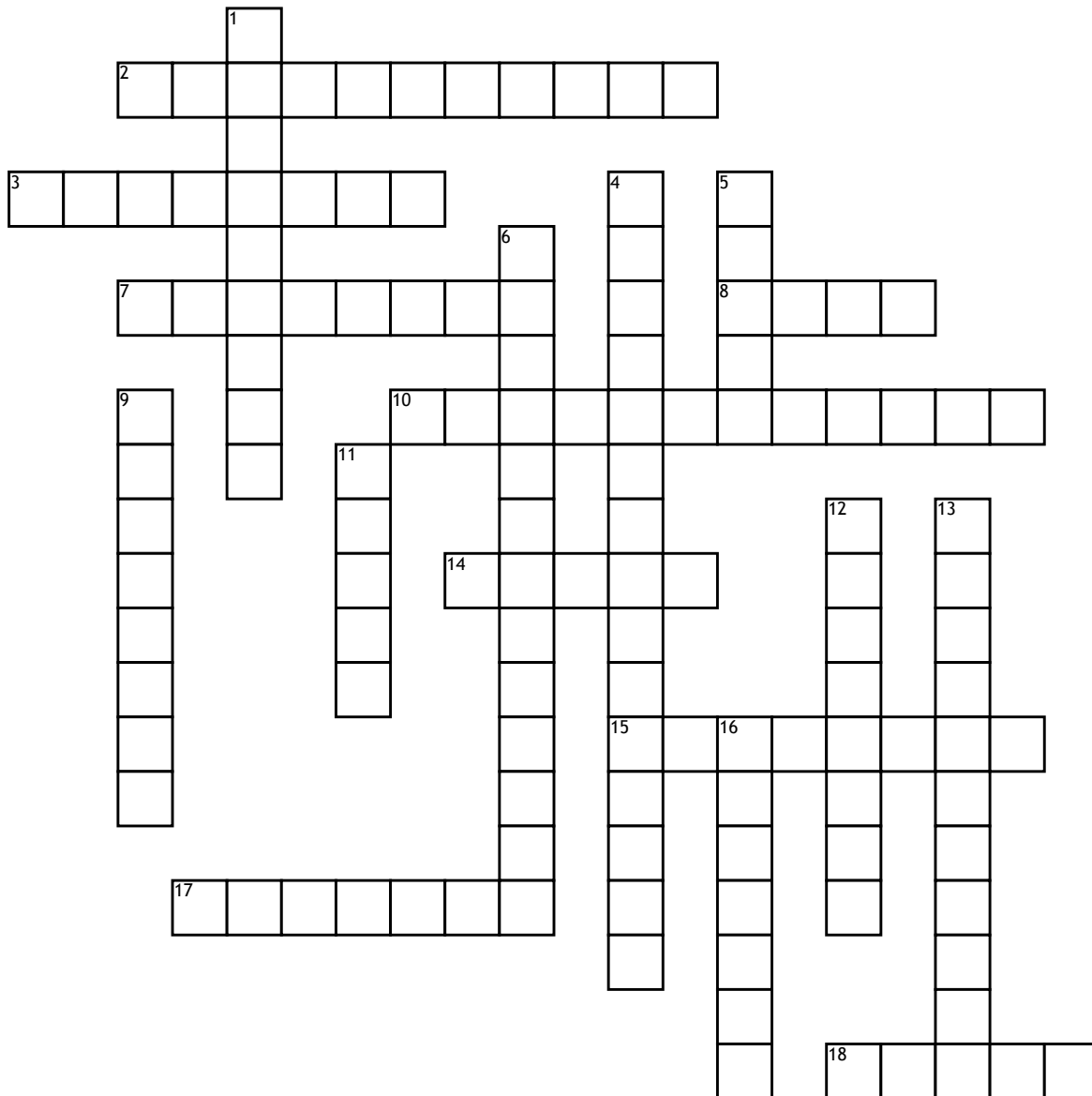


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Force and Motion



## Across

2. The force that pulls all objects in Universe towards one another  
 3. A measure of how hard it is to slow down or stop an object  
 7. The result of two or more forces acting on an object  
 8. The use of a force to move an object through a distance  
 10. A change in motion caused by unbalanced forces or change in velocity  
 14. A push or pull that causes an object to stop move or change direction

15. A force that acts against motion when two surfaces rub against each other

17. Something that works easier by changing direction of a force  
 18. A measure of the distance an object moves in a given amount of time

## Down

1. The force of attraction between a magnet and magnetic objects  
 4. Forces that are not equal  
 5. The use of a force to move an object through a distance

6. The force that pushes or pulls back in third law of motion

9. An objects speed in a particular direction  
 11. The path that one body in a space as it revolves around another body such as the earth revolving around the sun  
 12. An objects place or location  
 13. The first force in the 3rd law of motion  
 16. The property of matter that keeps in a straight line or at rest