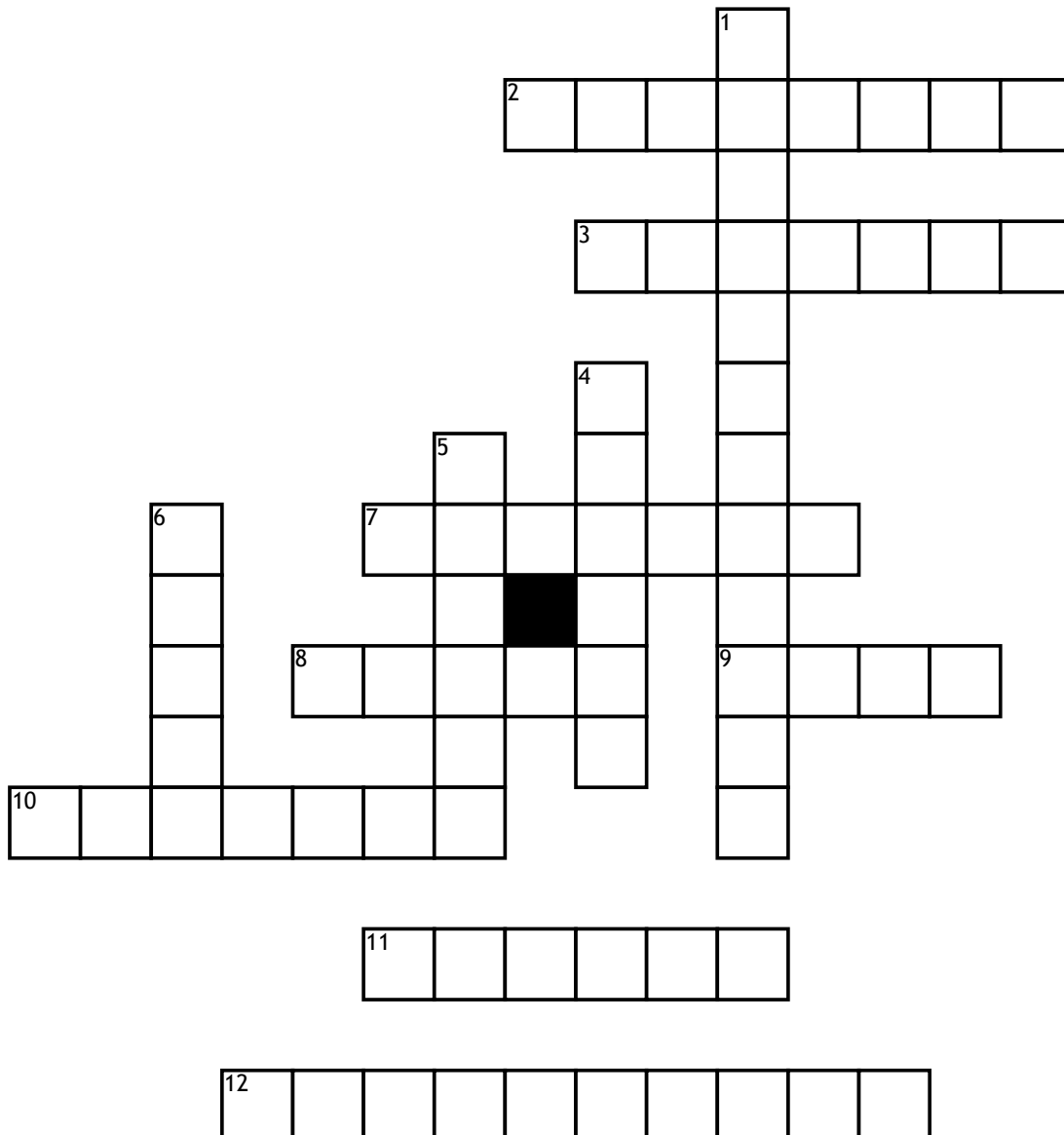


# Physics



## Across

2. Which law of Newton states that, for every action there is a reaction?  
 3. An object in rest will remain in rest unless an external force is?  
 7. What is Newton's first law called?  
 8. How many laws does Newton have?

9. ENERGY makes things happen. How many types are there?  
 10. Mass belongs to an object, while weight is the act of what?  
 11. What are Newton's three laws about?  
 12. A ball is put on a table, and it just stays there. What force is applied?

## Down

1. The force required to change the motion of an object is just \_\_\_\_\_ to the mass of that object.  
 4. They are simply push and pull.  
 5. When there is motion, there is?  
 6. The formula for the second law.