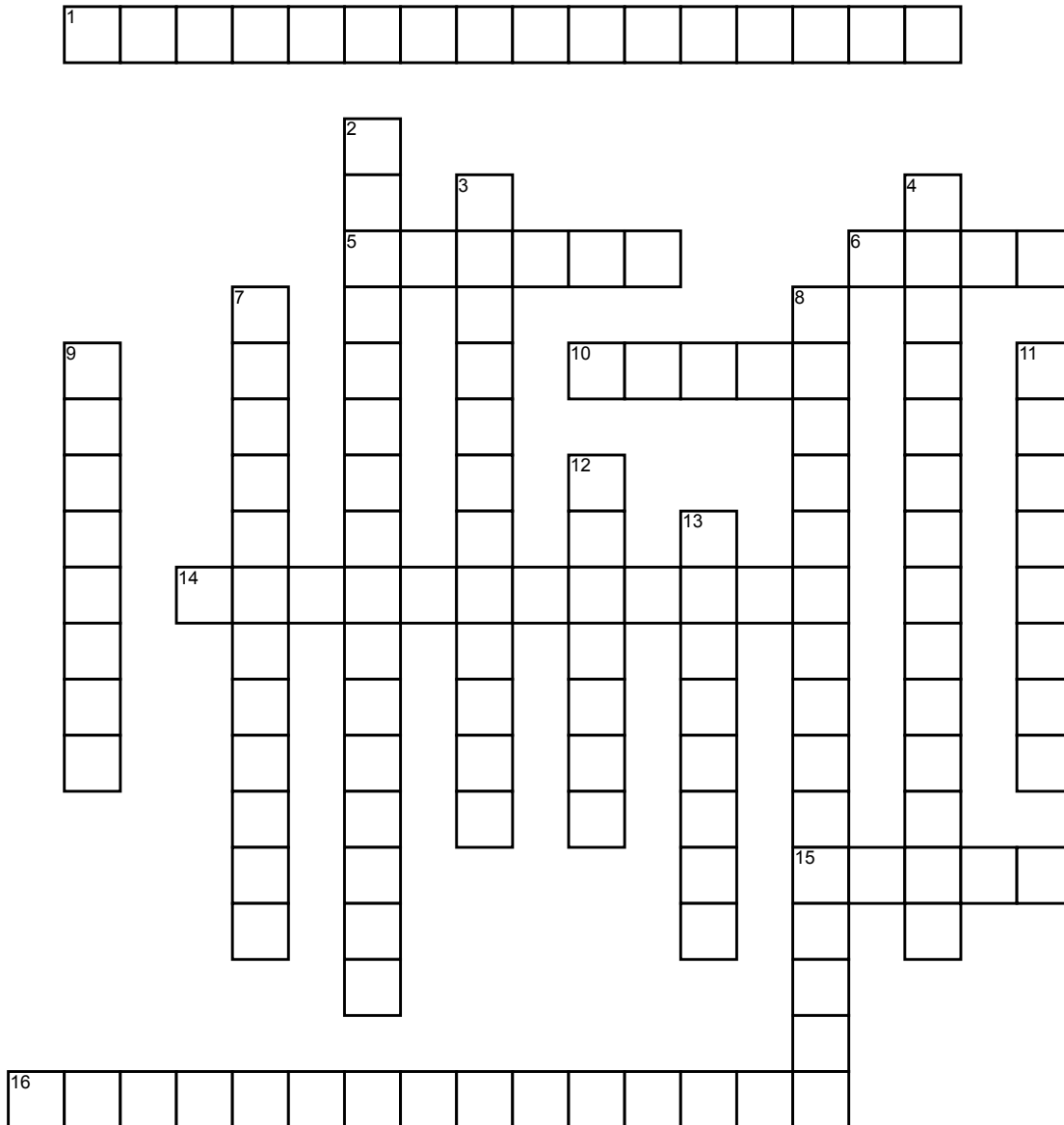


# Motion Crossword Puzzle : By Kayla Aker



## **Across**

1. When two unequal forces cause an object to change speed or direction
5. How much gravity an object has
6. The amount of matter an object is made up of
10. A push or pull
14. Another name for negative acceleration
15. Formula is distance/time

16. For every action, there is and equal and opposite reaction

## **Down**

2. The relationship between force, mass, and acceleration
3. Ex: 15 km west
4. When two forces act upon an object going in opposite directions and are equal in strength
7. A change in velocity

8. An object in motion will stay in motion until acted upon by an outside force

9. Force that occurs when one object rubs against another
11. How much force is being applied to an object
12. A force that depends on mass and distance
13. How far an object has traveled