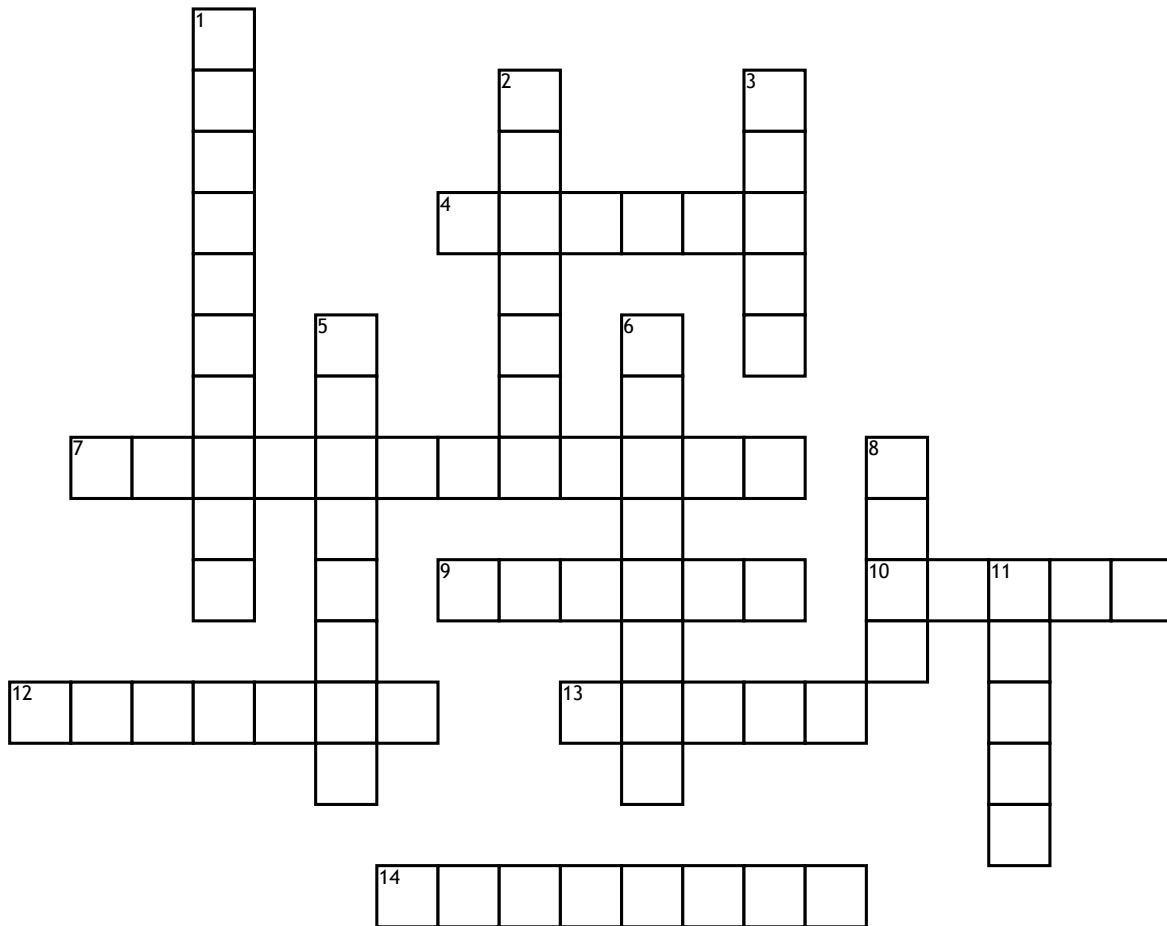


# Force and Motion Vocabulary



**Across**

4. The measure of gravity acting on something's mass

7. Complete the equation: Force = Mass x \_\_\_\_\_

9. Unit we use to measure force

10. How fast something is going (distance/time)

12. A force that pulls everything on Earth down towards the center

13. A push or pull on an object

14. Unit we use to measure mass

**Down**

1. An \_\_\_\_\_ force causes acceleration

2. Another name for Newton's 1st Law

3. Unit we use to measure distance

5. Speed in a given direction

6. The force that pushes back against movement

8. How much matter is in an object. Similar to weight

11. Newton's 3rd: For every action (force) there is an \_\_\_\_\_ and opposite reaction (force)