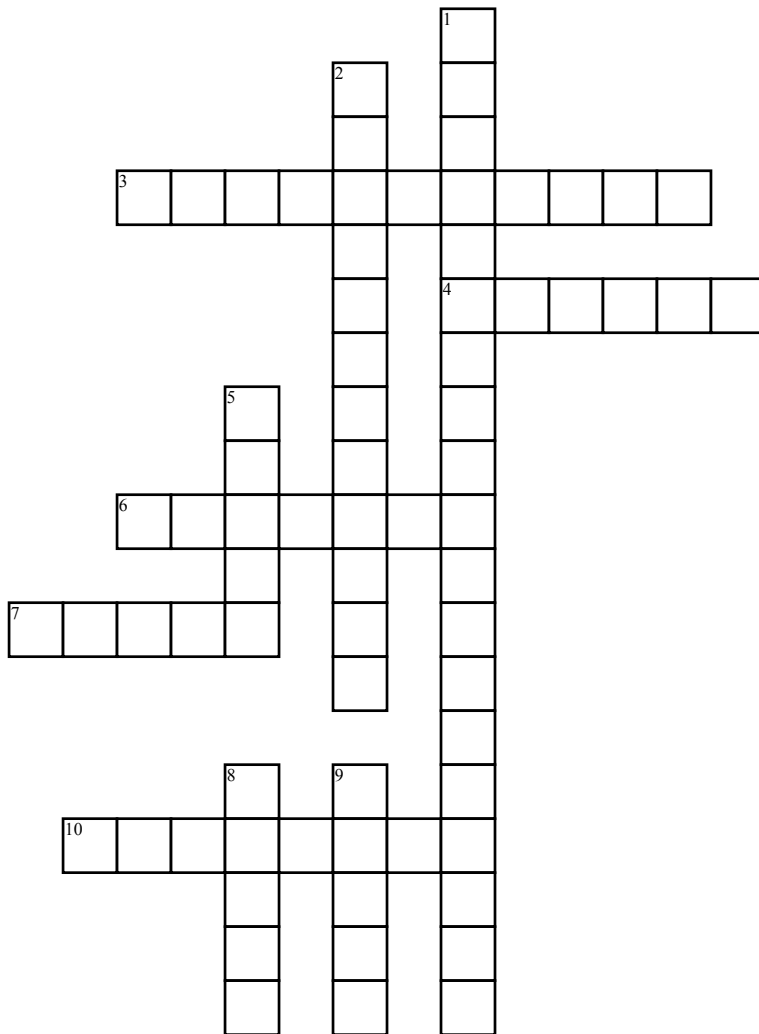


# Science Current Event



**Across**

3. The creator of the three laws of motion is \_\_\_\_\_.
4. The \_\_\_\_\_ law explains how the velocity of an object changes when it is subjected to an external force.
6. A rhino has more \_\_\_\_\_ than a dog.
7. The \_\_\_\_\_ law states that for every action in nature there is an equal and opposite reaction.
10. \_\_\_\_\_ is the speed of something and in a given direction.

**Down**

1. \_\_\_\_\_ is the what we use to convert units and time.
2. The equation for \_\_\_\_\_ is change in velocity over change in time.
5. \_\_\_\_\_ is a rate that someone or something can move.
8. The Equation  $M \cdot A$  is the equation for \_\_\_\_\_.
9. What law is this, "Every object in a state of uniform motion will remain in that state of motion unless an external force acts on it."

**Word Bank**

- |              |         |                      |       |
|--------------|---------|----------------------|-------|
| Isaac Newton | Inertia | Acceleration         | Force |
| Third        | Second  | Dimensional Analysis | Speed |
| Velocity     | First   |                      |       |