Newton's Law

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1 Laws:

First Law:

If an object is not experiencing the effect of any force, then it will either remain stationary \mathbf{or} keep moving with constant velocity.

Second Law:

If force $\vec{\mathbf{F}}$ is acting on an object with mass m, then the acceleration $\vec{\mathbf{a}}$ is given by:

$$\vec{\mathbf{F}} = m\vec{\mathbf{a}}$$

