

What is a simple definition of a force?



Define:
Net Force



True or False:
Balanced forces will change an
objects motion



True or False:
Unbalanced Forces will change
an objects motion



What is Newton's first
law?



What is another common
name for Newton's First
Law?



What is Newton's Second
Law?



What is another common
name for Newton's Second
Law?



What is Newton's Third
Law?



What is another common
name for Newton's Third
Law?



The overall force on an object after all forces are added together.

A push or a pull

True

False

The Law of Inertia

Every object in a state of uniform motion tends to remain in that state of motion unless an external force is applied to it.

The Law of Constant Acceleration.

The relationship between an object's mass m , its acceleration a , and the applied force F is:
$$F = ma.$$

The Law of Momentum

For every action there is an equal and opposite reaction.