

What are the effects of force?

Ans) The effects of force are

- A force can move a body originally at rest
- A force can stop a moving body
- A force can make a moving body to move faster
- A force can slow down a moving body
- A force can change the shape or size of a ~~body~~ moving body.
- A force can change the shape or size of body.

Differentiate contact and non-contact force.

The force which acts on bodies by making an actual contact is called contact force whereas forces which act on bodies with no contact with them are called non-contact force.

What do you mean by normal force?

Ans) ~~is~~ Normal force is the force that surfaces exert to prevent solid objects from passing through each other.

Differentiate between mass and weight.

Ans) Mass is the amount of matter present in the body like where as weight is the force with which another body pulls the mass.

Define rolling friction with one example.

Ans) Rolling friction is the friction experienced by a moving ~~can~~ ~~object~~ circular body along the surface.