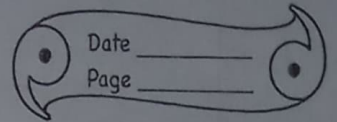


M.W.  
28/9/21



Q. What are the effects of force?

Ans - The effects of force are -

- It <sup>can</sup> move a stationary object
- It <sup>can</sup> stop a moving object.
- It can change the direction of a moving object
- It can change the shape and size of a moving object.

Q. Define contact and non-contact force.

Ans - Contact Force -

~~Contact~~ Force that acts on bodies by making an actual contact is called Contact Force.

Ex: Muscular force, frictional force, etc.

Non-Contact Force -

Force that acts on bodies without making any actual or physical contact is called Non-Contact Force.

Ex: Magnetic force, gravitational force, etc.

Q. Define force of friction.

Ans- Friction is a force that opposes the motion of a body when it is in contact with another surface.

Q. What are the disadvantages of friction.

Ans- Disadvantages of friction -

- It causes wear and tear
- It opposes the motion of a body, hence reduces its efficiency.
- It produces heat energy.

Q.7