

Hw

Q) 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 moving body to move faster

→ A force can slow down a moving body

→ A force can change the direction of motion of a moving body

→ A force can change the shape or size of a body

2) Define the contact and non-contact force.

Ans) Contact force - The force which acts on bodies by making an actual contact, is called contact force.

Noncontact force - Force which act on bodies with them are called ~~as~~ non-contact forces.

3) Define force of friction.

Ans) The force of friction which slows down the motion of a moving body in contact with the surface of another body is called the force of friction.

4) What are the disadvantages of friction?

Ans) The disadvantages of friction are

- Friction opposes the motion of a body, so it decreases the efficiency.
- Friction causes wear and tear in a moving parts.
- Friction produces heat.