

FORCE

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1. What are the effects of force?

Ans:- When a force is applied on a body, it can have the following effects.

- 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 direction of motion of a moving body.
- A force can change the shape or size of a body.

2. Differentiate contact and ~~contact~~ non-contact force.

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

Non-contact forces:- Forces which act on bodies with no contact with them are called non-contact forces from a distance.

3. What is known as simple force?

Ans:- We often use the word force in every day life as push, pull, stretch and squeeze. Push and pull tend to move a body while stretch and squeeze tend to change the shape or size of the body. Following examples will make it clear.