

CW  
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# Homework

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What are the effects of force?

- Ans-
- A force make a object move.
  - A force can stop a moving body.
  - A force can change the direction of a moving body.
  - A force can make a moving body faster.

What are contacts force and what are non-contact (Differentiate them)

- Ans-
- Contact force - The force which act on moving body ~~without~~ making any actual contact are called contact force. Ex - force of friction, force of tension, force of <sup>ad.</sup>
  - Non-contact - The force which act on bodies with any contact with them is called Non-contact force or force from a distance. Ex - Gravitational force, Electrostatic force, Magnetic force.

What do you mean by normal force.

- Ans - The force that surfaces exert to prevent solid object from passing through

each other is called normal force.

3. What is rolling friction give an example?

Ans- The ~~min~~ minimum force required to roll a body on a surface is called the force of the rolling friction. Ex- When ~~the~~ we are riding and cycle.