

~~ii)~~ Machine.

iii) Friction reduces efficiency i.e. we have to overcome friction to increase the efficiency.

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Q1. What are the effects of force?

ans. The effects of force are:-

- i) A force can stop a moving body.
- ii) It can slow down a moving body.
- iii) It can make a moving body move faster.
- iv) It can change the direction of a moving body.
- v) It slows down the moving body.

Q2. Define contact and non-contact force.

contact force - The force which acts on bodies making an actual contact is called between two bodies is called contact force.

Non contact force - The force which acts on bodies without making ~~an~~ no contact is called non-contact force.

Q. Differentiate between mass and weight

<u>Mass</u>	<u>Weight</u>
① Mass is the amount of matter in an object and Mass is constant every where.	① the weight is a measure of how the force of gravity upon mass it's not constant everywhere.

Q. Define rolling friction with one example.
ans. The minimum force required to roll a body on a surface is called rolling friction.
Example - Vehicles like trucks, scooter, bicycles car and luggage trolleys are provided with wheels.