

HW

30/9/21

1- What are the effects of force?

- Force can move a body.
- Force can stop a moving object.
- Force can increase the speed of a moving object.
- Force can ~~stop~~ change the direction of a moving object.
- Force can change the shape or size of a moving object.

2- Define contact and non-contact force.

Forces experienced by bodies when they are in physical contact with each other is called contact force ~~because~~ but the forces experienced by bodies when they are not in physical contact with each other is called Non-contact force.

3- Define the force of friction.

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

4- List the disadvantages of friction.

- Friction produces heat.
- Friction produces wear and tear.
- Friction opposes the motion of the body.