

HW
28/7/21

Ch-3-Force

Q) Define Force.

Ans) A force is that causes which can move a body, if it is not in motion, increases or decreases the speed of the body, stops the body if it is moving, it can change the direction of motion and change the shape and size of the body.

Q) Give an example of force as ~~stretch~~ ^{push and pull} with the .

Ans) Force as push:

To open a door, we push it.

Force as pull:

To move a cart, it is pulled by a bull.

Q) Explain force as stretch with the help of an example.

Ans) Force as stretch:-

On stretching a spring, it elongates. ~~an object~~

∴ Force applied as stretch causes a change of size & shape of an object.

Exercise

1) Ans) Force is the term used for push or pull.

2) i) Force as pull: To open a door, we push it.

ii) Force as push: To move a cart, it is pulled by a bull.

iii) Force as stretch: When a rubber string is stretched, its length increases.

iv) Force as squeeze: On squeezing a tube of gum or toothpaste, its shape changes.