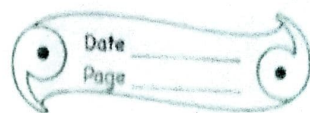


HW  
03/08/21

# Force



1. Define force?

Ans- The push or pull on an object is called force.

2. Give an example of force as push or pull

Ans- To open a door, we push it  
To close the door, we pull it.

3. Explain force as stretch with the help of an ~~exam~~ example.

Ans- On stretching a spring, it elongates.

4. Ans- EFFECTS OF A FORCE

• A force can move a ~~m~~ body originally at rest.

Example - a car originally at rest when pushed, begins to move.

• A force can stop a moving body.  
Example - bus or train is stopped by applying the brakes.

A force can make a moving body to move faster.

For example - the speed of a bicycle increases.

A force can slow down a moving body.

For example - the speed of a moving vehicle is ~~it~~ slowed down by applying brakes.

A force can change the direction of motion of a moving body.

Example - a player kicks a moving football to change its direction of motion.

A force can change the shape or size of a body.

Example - on squeezing a piece of rubber its shape changes.