

Hw

1. force is used for the push or pull

2. closing a door

ii Pulling curtains

iii Stretching a rubber band

iv Squeezing a sponge

3. force is a push or a pull that changes ~~or trends~~ acting on an object.

4. Push - Closing a window

Pull - Pulling curtains

5. When we stretch a rubber string its stretched its length increase. This is called force of stretch.

B.3. force is a push or pull acting on an object.

4. when a force is applied on a stationary body, it begins to move. So a change in state of motion is observed.

5. when a force is applied on a body, it can have the following effects:

1. A force can move a body originally at rest.
2. A force can stop a moving body.
3. A force can make a moving body to move faster.

4. A force can slow down a moving body.
5. A force can change the direction of motion of a moving body.
6. A force can change the shape or size of a body.
1. A force can move a body originally at rest: when a force is applied on a body originally at rest, the body begins to move. For example - a cart originally at rest when pushed.

2. A force can stop a moving body :
when a force is applied on a moving
body in a direction opposite to the
direction of motion of the body it
can be made to stop. for ex- a moving
bicycle, bus or train is stopped
by applying the brakes.

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3. A force \rightarrow can make a moving body to move faster.

When force is applied on a moving body in the direction in which it is moving, the body begins to move faster.

Ex- The speed of bicycle increases, when more force is applied on the pedal by the cyclist.