

2821  
NW

## Force

1) Name the term used for the push or pull?

ANS Force

2) Give one example each of a force as a push, a pull, a stretch and, ~~any~~ a squeeze.

- ANS
- a push - To ~~open a door~~ push a trolley.
  - a pull - To pull a pulley.
  - a stretch - stretching a rubber string.
  - a squeeze - change in shape of a sponge.

3) Explain the meaning of the term force

ANS Force is a physical cause that ~~changes~~ changes or may tend to change the state of rest or the state of motion of an object. The S.I unit of force is Newton.

4) What effect can a force have on a stationary body?

ANS when a force is applied on a stationary



body, it begins to move.

Extra Q/A

- Q 1 Define force?  
Ans) force is a push or pull of an object which uses strength.
- Q 2 Give an example of force as push and pull?  
Ans) push - to push a car  
pull - to pull a pulley.
- Q 3 Explain force as stretch with the help of an example  
Ans) A force of stretch is the force in which an object changes its shape and returns to its shape again. Ex = a stretchable rubber.
- Q 4 Describe the different effects of force with appropriate examples?  
Ans) Different effects of force are  
push - to push a car, stretch - to stretch a rubber  
pull - to pull a pulley, squeeze - to squeeze a sponge