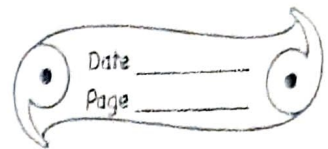


Ch-3-force-

Name - ~~Shobha~~ Shree-parigrahi
Class - VI, Sec - D, School No - 1058



Q: → what are the advantages and disadvantages, of friction?

ans: → The disadvantages of friction are:-

- friction opposes motion
- friction produces heat
- friction causes wear and tear
- friction reduces efficiency.

Advantages of friction:-

- friction is responsible for many types of motion.
- It helps us walk on the ground.
- The wheels of vehicles would fail to rotate without moving ahead if there is no friction between the wheels and the ground.
- friction helps in supporting a ladder inclined to a wall.

- e) without friction, objects would slide off a table unless it is perfectly horizontal.
- f) It would be difficult to sit on a chair without friction or brush our teeth using a tooth brush.
- g) Brakes in a vehicle work because of the friction between the brake lining and the drum of the wheel.
- h) friction is necessary to light a matchstick.
- i) It is due to friction that we can write on a board by a chalk.

Hence, these are the some of examples that shows that how friction is necessary for our daily activities.