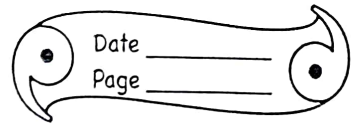


Ch-4

Force



Question

- Q1. What is force?
- Q2. What is friction?
- Q3. What is the effect of friction?
- Q4. Write types of force?
- Q5. What is advantage and disadvantage of friction?

Answer.

Q1. The push and pull that acts on an object is called force.

Q2. Friction is the force that opposes the relative motion between the two surfaces in contact with each other.

Q3. The effect of friction are

- \* Friction ~~off~~ opposes motion
- \* Friction always acts in a direction opposite to the direction of motion.
- \* Friction produce a heat
- \* Friction causes wear and tear.

Q4. There are 2 types of force

Contact force

Non contact force

Gravitational  
force

Electrostatic  
Force

Magnetic  
force



Q5. Friction opposes the motion of a body.  
(Disadvantages)

In absence of friction we would not be able to walk on road. It is reaction of the force of friction which makes us move ahead.  
(Advantages).