

1. What are the advantages and disadvantages of friction?

Ans- Some Advantages of friction are:

1. Friction enables us to walk freely.
2. It helps to support ladder against wall.
3. It becomes possible to transfer one form of energy to another.
4. Objects can be piled up without slipping.
5. Brakes of vehicles work due to friction.

Some Disadvantages of friction:

1. It always resists the motion, so extra energy is required to overcome it.
2. It causes wear and tear of machines.
3. It decreases the life expectancy of moving parts of vehicles.
4. Since friction is very useful in some cases while harmful in some cases, friction is called a necessary evil.