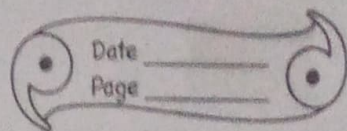


Ch-3 FORCE



1- List ~~three~~ the effects of friction?

Ans- It produces heat, that helps in heating parts of ~~any~~ object or to warm ourselves.
It also causes loss in power.

2 Explain with example how friction opposes motion?

Ans A reaction force moves her forward.
But some surfaces are harder to walk on than a dry surface because it is slippery... When you try to slide two surfaces across each other, the force of friction resists the sliding motion.

Q- Friction always acts in a direction opposite to the direction of motion; justify the statement by giving an example?

As- The force of friction always opposes motion or the tendency of motion.

Q- How can you prove friction produces heat? Give an example.

As- Rubbing your hands against each other, producing fire in ancient times with sticks and stones, machines become hot after long time use, use of lubricants.

are examples of friction producing
heat.