

H.W
5/2/2021

Date _____
Page _____

Q1 List the effects of friction?

~~Q2 Explain opposes motion~~

Q2 Explain with example how friction opposes motion?

Q3 Friction always acts in a direction opposite to the direction of motion. ~~Justify~~
Justify the statement by giving an example.

Q4 How can you prove friction produces heat?
Give an example

List the effect of friction?

Ans Suppose we want to push a box. If we push ~~the~~ ^{the} box with a little effort we find that the box does not move. This means that there is some opposing force between the box and the ground which makes the box not to move.

Explain with example how friction opposes motion?

Ans that friction is a force which opposes motion.

In daily life, we often have to ~~move~~ move bodies from one place to another by pushing

or pulling them.

3Q Friction always acts in a direction opposite ~~to~~ to the direction of motion justify the statement by giving an example?

Ans → If we move the box to the right, the friction act towards the left and if we move the box to the left the friction acts ~~to~~ towards the right.

How can you prove friction produces heat?

Give an ~~ex~~ example?

Ans → rubbing your hands against each other, producing fire in ancient time with sticks and

stones, machines become hot after done

work in use, these lubricants are examples

if for example - if friction producing heat