

COMPLETE THE GIVEN FILL IN THE BLANK BY PUTTING APPROPRIATE WORDS

opposes	both	static	increase		lubricants	hard	rough
Smoothness	Rolling	pair	nature		Sliding	smaller	minimized

- Friction _____ the relative motion between two surfaces in contact.
- It acts on _____ the surfaces.
- Friction depends on the _____ of surfaces in contact.
- For a given _____ of surfaces friction depends upon the state of _____ of those surfaces.
- Friction depends on how _____ the two surfaces press together.

- _____friction comes into play when we try to move an object at rest.
- _____friction comes into play when an object is sliding over another.
- Sliding friction is _____ than static friction.

Friction is important for many of our activities.

- Friction can be increased by making a surface _____
- . The sole of the shoes and the tyres of the vehicle are treaded to _____friction.

Friction is sometimes undesirable.

- Friction can be reduced by using lubricants.
- When one body rolls over another body,
_____friction comes into play.

- Rolling friction is _____ than sliding friction.

In many machines, friction is reduced by using ball bearings.

- Fluid friction can be _____ by giving suitable shapes to bodies moving in fluids

Teacher: Richa Srivastava