

The background is a dark, textured surface with faint, light-colored sketches of various scientific and mathematical concepts. These include a globe in the upper left, a large letter 'V' in the top left, a microscope on the left side, a stack of books at the bottom left, a cross symbol, an open book with handwritten text at the bottom center, a percentage sign and a plus sign at the bottom right, and a large less-than sign on the far right.

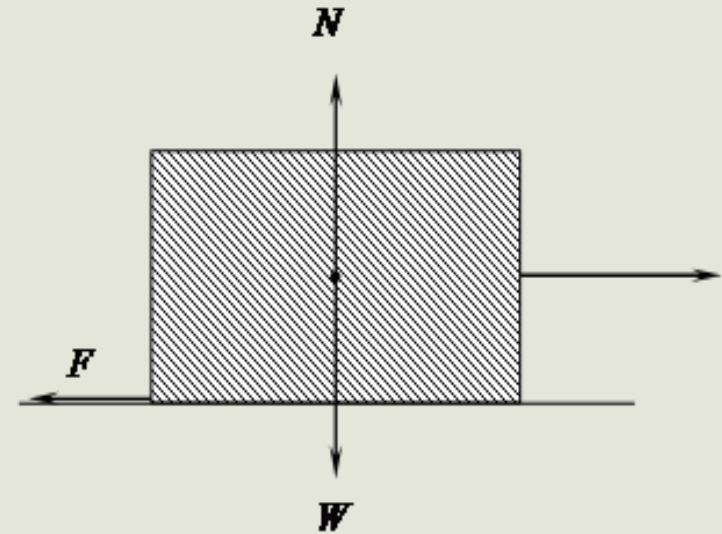
# Friction

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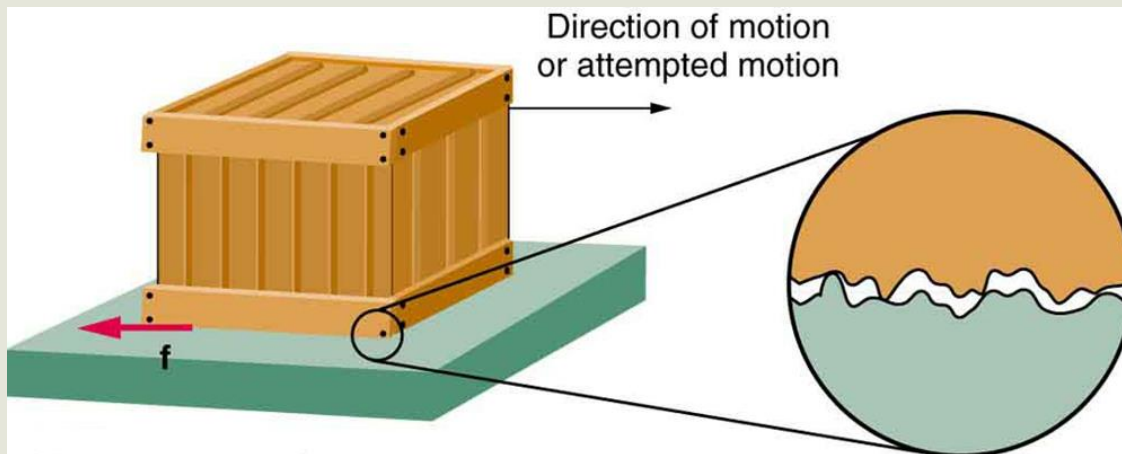
**Roll no. 24**

# Title and Content Layout with List

- World without friction
- Effects of friction on different shapes



# Imagine a world without friction.



- Imagining a world without friction presents a fascinating and challenging scenario. Friction is a force that opposes the relative motion of two surfaces in contact.
- It plays a crucial role in many aspects of everyday life, from enabling movement to providing stability.



# Friction effecting Movement and Transportation

## Walking & Running



Our feet depends on friction to push against the ground and move forward,  
So we can't walk or run without friction.



## Vehicles

Tires rely on friction to grip the road allowing for acceleration & turning.



## Trains & Railways

Trains would lose traction the tracks,

# Daily Activities & Tools



## Holding objects

Gripping objects will be very difficult so can't hold basic things like pen, bottle ,etc.



## Cooking & eating

Food will not stay in place in cookware, handling utensils and eating will become deifficult.