

# FRICTION

# What is Friction?



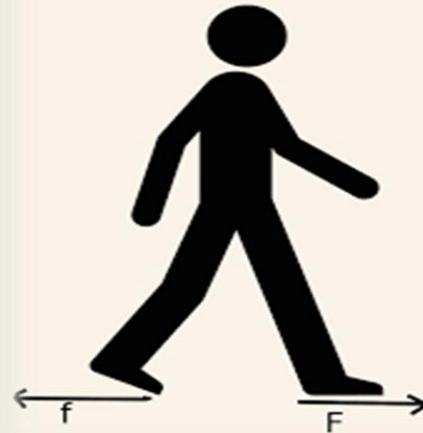
An **opposite force** of a moving object

# Friction is good...

- We can drive safely

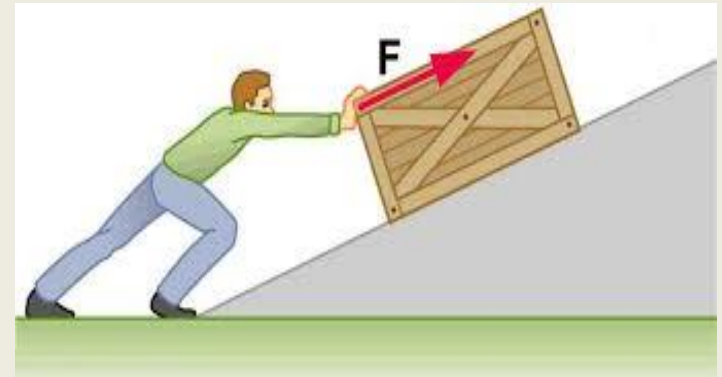


- We need friction when we stand, sit and walk



# Friction is bad...

- If you want to push something, friction makes it hard to push.



- Friction produces heat. It makes car engine heat more.



# Factors affecting Friction

Smooth surface = less friction



Rough surface = more friction



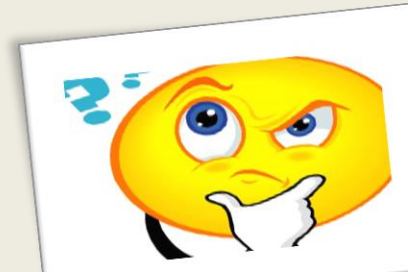
# Smart Check

Which pair of shoes produces most friction?

A. The high heels



B. The slippers



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