

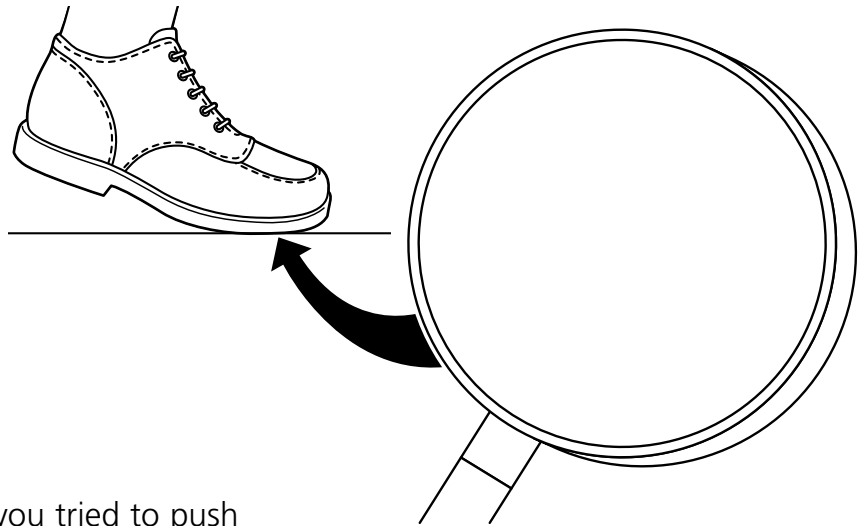


Name: Form:

See pages 4 and 5 of *Friction*

What is friction?

Friction is a natural grip, or stickiness, that stops things slipping uncontrollably past one another.



Q1. In the picture, a shoe is touching the surface of the ground. In the circle, draw how the surfaces of the shoe and ground appear when highly magnified.

Q2. What would you hear if you tried to push one piece of sandpaper past another?



Q3. Why would it be impossible to handle something which was frictionless?



Q4. Why are most bicycle chains oiled?







Q5. On a bicycle, where do you need as little friction as possible?



Q6. Why must the friction between the tyres and the road be neither very high nor very low?





