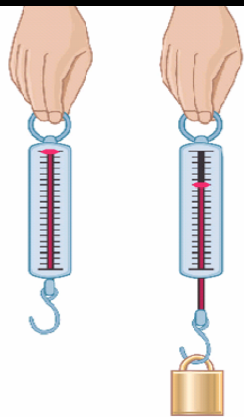


Friction Fact Sheet

A forcemeter
measures
force in
Newtons (N)



A **mass** of 100 grams will
exert a **force (weight)** of 1
Newton (1N).

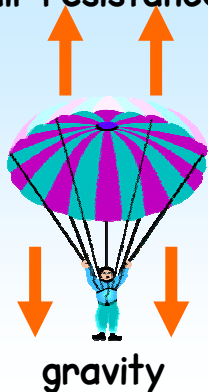


When we rub our hands
together the warmth we feel is
because of **friction**. Both **air
resistance** and
water resistance are also
types of **friction**.



The **force** that pushes
against us when we are
swimming is called **water
resistance**.

air resistance



**Air
resistance**
slows the fall
of a
parachute or
a piece of
paper in air.

The deep tread on tyres creates
high friction when the vehicle
brakes.



Skating on ice is an example
of where **low friction** is
useful.

Friction Glossary

air resistance - the force that air exerts on a moving object

force - a push, pull, twist or turn

forcemeter - a device used to measure forces (sometimes called a newton meter)

friction - is the force between two moving surfaces

gravity - the force that causes all objects to fall to the ground

mass - the amount of material in an object measured in grams (g)

newtons - the units used to measure forces

speed - how fast an object is moving

stationary - not moving

water resistance - the force that water exerts on a moving object

weight - the force downward on an object caused by gravity

