

# More About Forces

friction.

An **object** has mass,

**Gravitational force**

slow down or stop

is the force of attraction between two objects. which is the amount of matter it contains. The larger the mass of the objects and the closer they are to each other, the larger the gravitational force between them.

is the force which opposes motion when two surfaces are in contact. Friction can moving objects. A rolling football slows down and stops after some time because of friction between the surface of the ball and the surface of the grass.