PHYSICS: P1.1 Forces

Assessment = ⭐

Assessment & Review
⭐
Review of learning

Forces in Action Fact Sheet

Revision

Retrieval, keyword definitions and equation practice.

How can ultrasound be used to see an image of an unborn baby?

Balanced and unbalanced

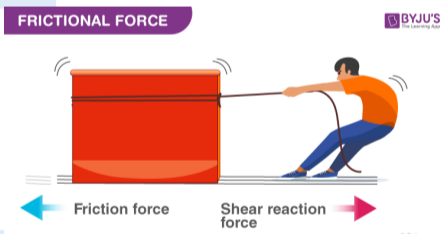Describe the difference between balanced and unbalanced forces.
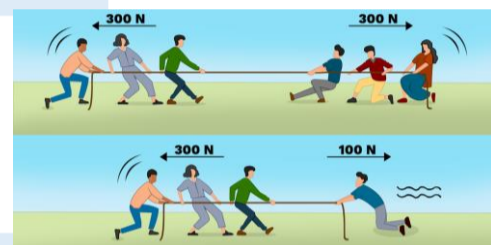
Forces at a distance

Describe the effects of a field and the effect of gravity on Earth and in space.

Why don't we float off into space?

FRICTIONAL FORCE

Friction force — Shear reaction force

Drag forces and friction

Describe the effect of drag and friction and explain how they arise.

Squashing and stretching

Describe how forces can deform objects.

Why don't we fall through the ground?

Contact Forces

Introduction to forces

An introduction to forces and what they do.

What are forces?

Key terms

Make sure you can write definitions for these key terms.

friction
non-contact force
field
newtonmeter
weight
extension
newton
water resistance
equilibrium
mass
upthrust
electrostatic force
magnetic force
unbalanced
elastic limit
lubrication
tension
drag force
linear
streamlined
contact force
interaction pair
stretch
compress
Hooke's law
reaction force
gravity
balanced
air resistance
gravitational field strength