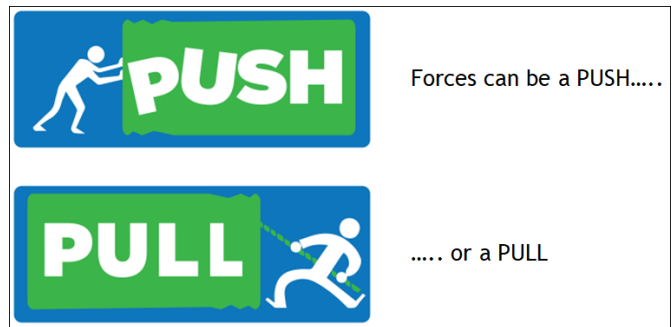


Introduction to Forces

Forces are responsible for why objects move the way that they do, and why they sometimes don't move at all.



You CAN'T see a force, all you can see is the EFFECT or RESULT of the force.

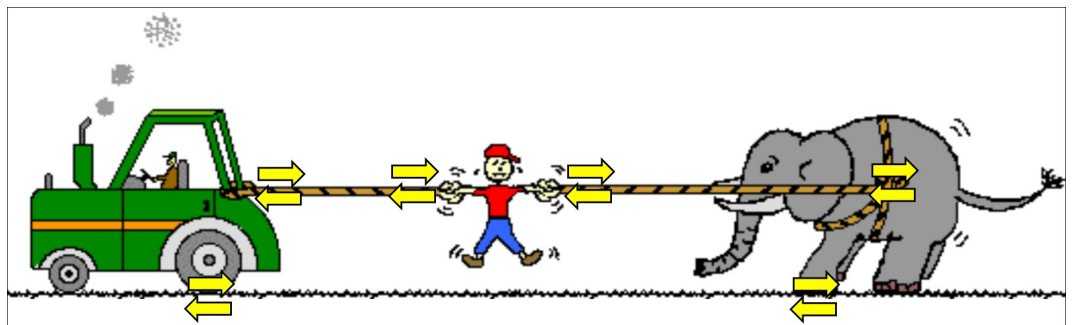
CONTACT FORCE - When a force is applied to an object by something touching it and either PULLING or PUSHING it.

NON CONTACT FORCE - When a force is applied to an object by another object or thing, but there is NO direct contact between them.

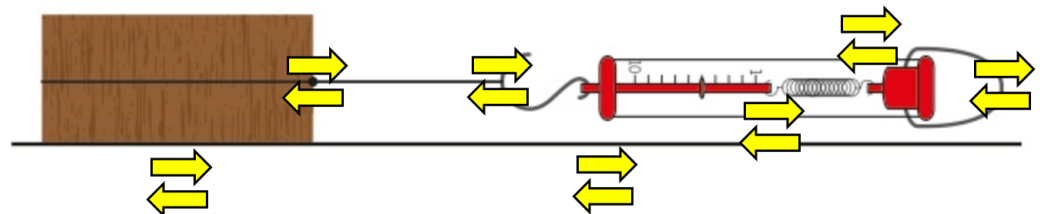
Force of Gravity
Frictional Force
Air Resistance
Water Resistance
Surface Resistance
Magnetic Force

This list is an example of some types of force. You can't see any of them but you can feel the effect of them.

FORCES come in pairs called INTERACTION PAIRS and there can be many pairs in a given interaction:



Force is measured with an instrument called a NEWTON meter.



1 Copy and complete the sentences below.

A force is a **PUSH** or a **PULL**.

We can show the forces acting on an object using force **ARROWS**.

Forces come in pairs, called **INTERACTION** pairs. To measure forces you use a **NEWTON METER**.

