

# UPTHRUST



## 1 Choose TRUE OR FALSE:

a) Upthrust is a non-contact, push force which pushes objects in the air and water up. **TRUE** **FALSE**

b) Upthrust is the opposite of gravity, gravity pulls an object down and upthrust pushes it up. **TRUE** **FALSE**

c) The mass and weight of an object influences the amount of upthrust. **TRUE** **FALSE**

d) Archimedes, an Ancient Greek scientist, discovered upthrust in his bath over 2000 years ago. **TRUE** **FALSE**

e) Archimedes discovered that the water an object uses has an upwards force. **TRUE** **FALSE**

## 2 Tick the examples that occur because of upthrust.

- we can swim  a hot air balloon rises
- a footballer kicks the ball  a parachute rises and slows the fall
- boats don't sink  a bottle floats
- a ball is thrown into a basket  a leaf falls to the ground
- a sponge changes shape  fruit floats in punch