

Tuesday, 2nd of June

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