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