

What is gravity?

- ① Gravity is a force that...?
Pulls/Pushes objects apart or Pulls/Pushes objects together.
- ② When a skydiver falls, what force is acting in the opposite direction to gravity?
- ③ Two sky divers jump out of a plane. Paul weighs 70 kg, James weighs 80 kg. Who experiences the greatest force due to gravity?
- ④ Why does a parachute make a skydiver fall more slowly?
- ⑤ If a car weighs 3000 N, what is the force of air resistance when it is falling at its terminal velocity.