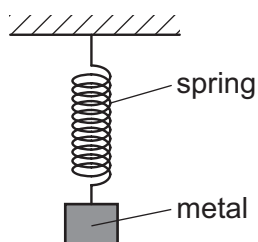


- 3 An ice crystal falls vertically from a cloud.

What happens to the acceleration of the ice crystal as it falls?

- A It decreases because of air resistance.
 - B It decreases because of gravity.
 - C It increases because of air resistance.
 - D It increases because of gravity.
- 4 A spring is stretched by hanging a piece of metal from it.



Which name is given to the force that stretches the spring?

- A friction
 - B mass
 - C pressure
 - D weight
- 5 Which object has the greatest weight?
- A an object of mass 10 kg in a 15 N/kg gravitational field
 - B an object of mass 15 kg in a 13 N/kg gravitational field
 - C an object of mass 20 kg in a 9.0 N/kg gravitational field
 - D an object of mass 50 kg in a 3.0 N/kg gravitational field