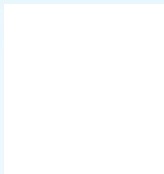
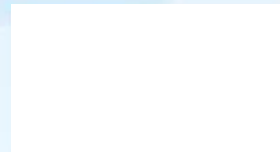




Forces Quiz





Question 1

Freddie is stood still holding a cricket bat on the cricket pitch. A ball is coming towards him. **Which two forces are balanced?**

A



Air resistance on the ball and gravity.

B

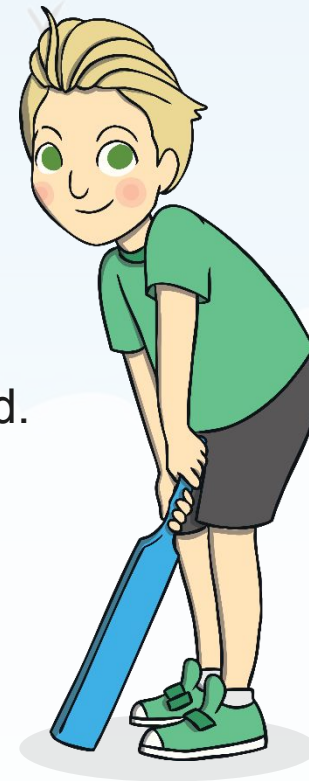


His weight and a force reaction from the ground.

C



The force of his pitchers throw of the ball and air resistance.





Question 2

When an object falls, what does air resistance do?

A



Doesn't act at all.

B

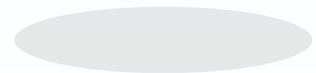


Acts in the opposite direction to the movement.

C



Acts in the same direction as the weight.





Question 3

Weight is a force.

What is weight measured in?

A



Meters

B

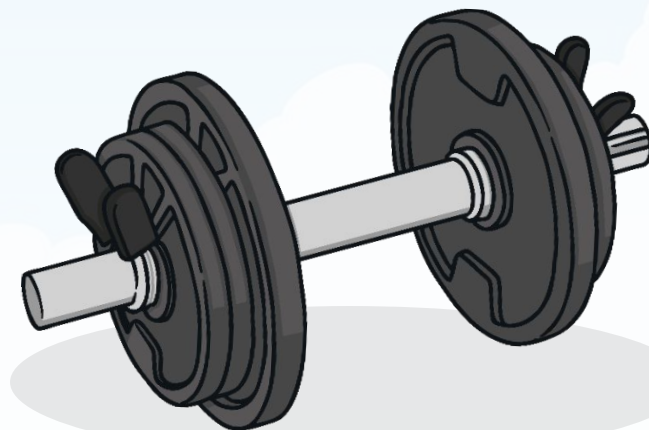


Kilograms

C



Newtons





Question 4

You would feel heaviest ...

A



On the Moon.

B



On Earth.

C



You would feel the same on both.





Question 5

Which statement is true?

A



Gravity always acts towards the centre of the Earth.

B



Gravity does not act on aeroplanes flying in the sky.

C



Gravity only acts through the air, not through land or water.





Question 6

Gravity acts towards the centre of the Earth.
Why don't we get pulled to the centre of the Earth?

A



Because gravity only acts through air.

B



The pavement exerts an equal force in the opposite direction.

C



Because gravity runs out.





Question 7

Which would give the smallest forcemeter reading?

A



A toy car suspended in water.

B



A toy car suspended in air.

C



They would both give the same reading.





Question 8

Which of these is not a force?

A



Friction

B



Height

C



Weight





Question 9

Which of these is false?

A



A moving object eventually runs out of force and slows down.

B



A moving object keeps moving until a force stops it.

C



A moving object travels in a line until a force changes its direction.





Question 10

What happens when an object is at rest/stationary?

A



No forces act on it.

B



Forces act on it but they are balanced.

C



One force acts on it, gravity.

