

Forces Quiz

Test your knowledge of some of the facts around forces.



 Santander



FERRARI
PREMIUM
PARTNER

1.

Which force keeps us and other objects on the ground?

a)

gravity

Oops! Try again.

Oops! Try again.

Well done! That's correct.



2.

Which scientist developed the theory of gravity?



Oops! Try again.

Oops! Try again.

c)

Isaac Newton

Well done! That's correct.

3.

Which force is used when applying the brakes on a car?

Oops! Try again.

b) friction

Oops! Try again.



Well done! That's correct.

4.

'Aerodynamic' means having a shape which...?

Oops! Try again.

b) reduces air resistance.

Oops! Try again.

Well done! That's correct.



5.

Formula One cars have smooth 'slick' tyres with no tread to increase friction with the track.



Oops! Try again.

False

Well done! That's correct.

6.

What is the name given to objects which are shaped to reduce air or water resistance?

a)

streamlined

Oops! Try again.

Oops! Try again.



Well done! That's correct.

7.

The wings on a Formula One car help to create downforce.
This helps the car to...

a) grip the road.

Oops! Try again.

Oops! Try again.

Well done! That's correct.



8.

Which of the following is not an example of a force acting on a Formula One car?



Oops! Try again.

Oops! Try again.

c)

the sound of the car moving around the track

Well done! That's correct.

9.

Which word completes the following sentence?
The _____ the surfaces, the more friction is produced.

a)

rougher

Oops! Try again.

Oops! Try again.



Well done! That's correct.

10.

Which of these statements is false?

Oops! Try again.

b)

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

Oops! Try again.

Well done! That's correct.





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