

9K Speeding up

complete the sentence

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Place the right word or words to complete the sentence:

 Click mouse to reveal answer

liquid

speed

sports

maximum

increase

drag

changes

direction

travelled

- a) To calculate an object's _____ you must divide distance travelled by time taken.
- b) A distance time graph shows how an object's speed _____ during a journey.
- c) An unbalanced force can change an object's speed, _____ of travel and/or shape.
- d) Terminal velocity is the _____ speed that a falling object will travel through air.
- e) An _____ in an object's speed is called acceleration.
- f) If an object has _____ 10 km in 30 minutes, its speed will be 20 kmh⁻¹.
- g) The _____ on a moving object through a liquid or gas is determined by its speed and shape.
- h) A drag force acts when an object moves through a gas or _____ .
- i) Streamlining a _____ car reduces the drag force.

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- c) An unbalanced force can change an object's speed, direction of travel and/or shape.
- d) Terminal velocity is the maximum speed that a falling object will travel through air.
- e) An increase in an object's speed is called acceleration.
- f) If an object has travelled 10 km in 30 minutes, its speed will be 20 kmh⁻¹.
- g) The drag on a moving object through a liquid or gas is determined by its speed and shape.
- h) A drag force acts when an object moves through a gas or liquid.
- i) Streamlining a sports car reduces the drag force.