

7K Forces and their effects

complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

speed

useful

matter

seen

resting

factors

force

brakes

weight

- a) A _____ applied to an object can change its speed, shape or direction.
- b) A _____ is measured in Newtons.
- c) The friction between your shoe and the ground is an example of _____ friction.
- d) Mass is the amount of _____ in a object and is measured in kilograms.
- e) _____ is a force caused by gravity acting on an object's mass.
- f) Forces cannot be _____, but their effects can.
- g) There are two main _____ that affect how quickly a car stops, its mass and speed.
- h) A example of a balanced force acting on an object is a tea cup _____ on a table.
- i) _____ apply a force to slow a car down. The car's kinetic energy is converted into heat.

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- b) A force is measured in Newtons.
- c) The friction between your shoe and the ground is an example of useful friction.
- d) Mass is the amount of matter in a object and is measured in kilograms.
- e) Weight is a force caused by gravity acting on an object's mass.
- f) Forces cannot be seen, but their effects can.
- g) There are two main factors that affect how quickly a car stops, its mass and speed.
- h) A example of a balanced force acting on an object is a tea cup resting on a table.
- i) Brakes apply a force to slow a car down. The car's kinetic energy is converted into heat.