

Force and Motion

What is the definition of speed?

- A. Measuring the distance an object travels in a set amount of time.
- B. A change in an objects position as it moves.
- C. Where the object is located.



You hear the tires on a vehicle make a screeching sound. This sound is a result of?

- A. Gravity
- B. Friction
- C. Pulling



What is the definition of motion?

- A. The distance an object travels in a set amount of time.
- B. A change in an objects position as it moves.
- C. Where the object is located.



You are helping a friend push a box on the ground. You notice it's much more difficult to push when the box is on carpet instead of the hardwood floor. This can be explained using which science term?

- A. Force
- B. Gravity
- C. Friction



If you drop something, it hits the ground because of what?

- A. Matter
- B. Gravity
- C. Motion



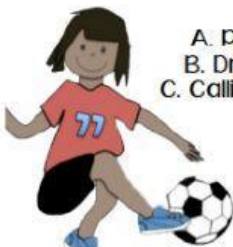
Friction is a force that does what?

- A. Helps an object move faster.
- B. Slows down or even stops the motion that is between two objects.
- C. Makes more gravity.



Which is the best example of force?

- A. Pushing a shopping cart
- B. Drinking a glass of water
- C. Calling a friend on the phone.



It's cold outside so you rub your hands together to stay warm. Your hands becoming warm is an example of?

- A. Motion
- B. Gravity
- C. Friction

