

Newton's 3rd law of motion states that for every _____ there is an equal and opposite _____.

- friction
- weight
- gravity
- reaction
- action

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_____ is a change in position of an object with respect to time.

- a. friction
- b. weight
- c. gravity
- d. motion

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A ____ is any interaction that, when unopposed, will change the motion of an object.

- a. force
- b. mass
- c. gravity
- d. motion

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_____ is a force that resists motion created by objects rubbing together.

- a. magnetism
- b. mass
- c. acceleration
- d. friction

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_____ established three laws related to motion.

- a. Micheal Jackson
- b. Sir Isaac Newton
- c. Albert Einstein
- d. Sir Alex Ferguson

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Energy of motion is also known as _____ energy.

- a. kinetic
- b. magnetic
- c. tension
- d. friction

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_____ is the tendency for an object at rest to stay at rest and an object in motion to stay in motion with the same speed and in the same direction unless acted upon by an unbalanced force.

- a. Speed
- b. Potential
- c. Inertia
- d. Volume

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A mother takes her son out to a park in a stroller. She pushes the stroller while walking. What is the direction of the push?

- a. away from her hands
- b. toward her hands

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