

Daily Science Trivia

Topic

1

Who was the first scientist to describe the laws of motion?

- A. Isaac Newton
- B. Albert Einstein
- C. Charles Darwin

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2

Does the force of friction cause a moving object to speed up or slow down?

- Choose:
- A. Speed Up OR B. Slow Down

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A doorknob is an example of a simple machine. How is it classified?

- A. Pulley
- B. Wheel and Axle
- C. Inclined Plane

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Which formula is used to calculate speed?

- A. Distance \div time
- B. Time \div distance
- C. Distance \times time

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Which of Newton's laws states that an object in motion will remain in motion, and an object at rest will remain at rest, unless acted upon by an unbalanced force?

- A. 1st B. 2nd C. 3rd

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Which type of friction is produced by wheels and ball bearings?

- A. Sliding friction
- B. Rolling friction
- C. Fluid friction

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What do we call the tendency of objects to remain in motion or to stay at rest?

- A. Speed
- B. Inertia
- C. Acceleration

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Which law of motion states that for every action, there is an equal and opposite reaction?

- A. 1st
- B. 2nd
- C. 3rd

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If a person has a mass of 60 kilograms on Earth, what would his mass be on the moon?

- A. 10 kilograms
- B. 60 kilograms
- C. 120 kilograms

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What does the term "Mach 25" mean?

- A. 25 times the speed of light
- B. 25 times the speed of sound
- C. 25,000 kilometers per hour

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There are two states of energy. Which one is considered the energy of motion?

- A. Potential
- B. Kinetic

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What do you call the path followed by an electric current?

- A. Circuit
- B. Outlet
- C. Fuse

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If a car travels 100 miles in 2 hours, what is its speed?

- A. 100 mph
- B. 50 mph
- C. 200 mph

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What would an object that weighs 120 pounds on Earth weigh on the moon?

- A. 20 pounds
- B. 60 pounds
- C. 150 pounds

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Does a "waxing" moon look thinner or wider as each night goes by?

- Choose:
- A. Thinner OR B. Wider

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Which metric unit is used to measure weight?

- A. Kilogram
- B. Newton
- C. Pounds

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Speedy the Snail can travel 10 centimeters in 5 minutes. How far could he travel in 15 minutes?

- A. 10 centimeters
- B. 30 centimeters
- C. 50 centimeters

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Where would you weigh the most?

- A. Earth
- B. Moon
- C. Jupiter

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What do we call the rate of change of velocity?

- A. Speed
- B. Momentum
- C. Acceleration

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If one bullet is dropped from a given height and another is fired from a gun horizontally from the same height, which one will hit the ground first?

- A. They will both hit the ground at the same time
- B. The one that is dropped will hit first
- C. The one that is fired will hit first