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when a pendulum is displaced sideways from its resting equilibrium position it is subject to a restoring force due to gravity that will accelerate it back toward the equilibrium position when released the

mar 10 2026 pendulum body suspended from a fixed point so that it can swing back and forth under the influence of gravity pendulums are used to regulate the movement of clocks because the

dec 18 2025 the motion of the pendulum is affected by factors like length weight position of the pendulum and the amplitude of oscillation the time period depends on the length of the rod and

sep 30 2023 a pendulum is a device that is found in wall clocks it consists of a weight bob suspended from a pivot by a string or a very light rod so that it can swing freely

3 days ago a pendulum is a weight suspended from a fixed point so that it can swing freely back and forth under the influence of gravity at its simplest it is just a mass hanging from a string or rod but

mar 16 2025 pendulums are in common usage grandfather clocks use a pendulum to keep time and a pendulum can be used to measure the acceleration due to gravity for small displacements a

a pendulum is a mass suspended from a pivot point that is free to swing back and forth because the motion is oscillatory a fancy way

to say back and forth and periodic repeating with a characteristic

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