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VIBRATIONS AND WAVES Mass-Spring Vibrations Mass Attached To Spring → Stable Equilibrium - Produces A Vibration! - Called “Simple Harmonic Motion” (SHM) Frequency - The Number Of Vibrations Per Second - Measured In Units Called Hertz (Hz) - “Period” = Seconds Per Vibration Amplitude - “Size” Of Vibration → How Far Away From Equilibrium? - Bigger Amplitude → More Energy In Vibration Mar 2th, 2024 Assessment Vibrations And Waves - Mr. Banks' Science Courses Section Quiz: Simple Harmonic Motion Write The Letter Of The Correct Answer In The Space Provided. _____ 1. According To Hooke’s Law, The Force Exerted By A Spring On An Object Is Proportional To A. The Mass Of The Object. B. The Displacement Of The Spring. C. The Length Of The Spring. D. The Volume Of The Object. _____ 2. Apr 3th,

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