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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Simple Harmonic Motion

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|  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **2.** Number of oscillations in unit time  **4.** The highest point  **6.** A system that undergoes simple harmonic motion  **7.** This is a property of a spring  **8.** Simple harmonic motion graphs are similar to this function  **9.** Maximum displacement  **10.** The force , that brings the object to its equilibrium position | **Down**  **1.** A back and forth vibration  **3.** The length of a complete wave  **5.** Time taken for one complete oscillation |