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

Simple Harmonic Motion

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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 |