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

Parts of a Wave

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |
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|  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 6 |  |  |  | 7 |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |
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|  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 11 |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **1.** Wave behavior results in the bending of a wave around a barrier  **2.** A change in pitch due to a moving wave source  **8.** Bottom of transverse wave  **9.** Produced when a object vibrates  **10.** Wave behavior results when a wave strikes a surface and bounces back  **11.** The bending of a wave as it changes speed due to passing from one medium to another  **13.** The ability of two waves to combine and form a new wave | **Down**  **3.** The distance between two successive, comparable points on a wave  **4.** Wave height; determines loudness  **5.** Dense part of compression wave  **6.** Less dense part of compression wave  **7.** Number of waves that pass a given point in one second; determines pitch  **12.** Top of transverse wave |