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

Waves

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 4 |  |  |  | 5 |  |  |  |  |  |  |  |  |  | 6 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 7 |  | 8 |  |  |  | 9 |  | 10 |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  | 13 |  | 14 |  |  |  |  |  |
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|  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **3.** a wave where the movement of the wave's medium, is perpendicular to the movement of the wave  **5.** to bounce back  **11.** a repeating and reconizble feature  **12.** a wave in which the waves medium is compressed in the same direction as the movement of the wave  **14.** low point of the wave  **15.** a wave that can only travel through a medium  **16.** The hieght of the peaks above the resting line  **17.** the rate of a repeating event | **Down**  **1.** energy of motion  **2.** the bouncing back of waves of an object  **4.** point where wave crosses the resting line  **6.** the distance from one creast to the next  **7.** a short burst that travels as a wave  **8.** a substance or material  **9.** high point of the wave  **10.** a back and forth pattern of motion that transfers energy  **13.** speed |