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

Y10 Respiration

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|  |  |  |  |  |  |  |  |  |  |  | O |  | A |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 3  I |  | V |  | R |  |  |  |  |  |  |
|  |  |  |  | 4  O | X | Y | G | E | N | D | E | B | T |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | C |  | M |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 5  G | L | U | C | O | S | E |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | P |  | T |  | 6  L |  |  |  |  |  |  |
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|  |  |  |  | 7  E | X | O | T | H | E | R | M | I | C |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 8  A | E | R | O | B | I | C |  |  |  |  |  |
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|  |  |  |  | 10  F | E | R | M | E | N | T | A | T | I | O | N |  |  |  |  |
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| **Across**  **4.** The build up of lactic acid in muscle cells creates an ....  **5.** A substrate used in aerobic respiration  **7.** Cellular respiration is this type of reaction  **8.** This type of respiration releases most energy from glucose molecules  **9.** A product of anaerobic respiration in yeast cells  **10.** Anaerobic respiration in yeast cells is also called... | **Down**  **1.** The rate of this increases during exercise  **2.** Organisms need energy for ....  **3.** The oxidation of glucose in anaerobic respiration is said to be ....  **6.** A product of anaerobic respiration in animal cells |