

VLA Basic Biology: Unit 10 Worksheet

A. Select the letter of the description that best matches the term given.

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| 1. _____ Citric Acid Cycle | A. Describes any process that requires oxygen. |
| 2. _____ Glycolysis | B. Organelle that performs cellular respiration. |
| 3. _____ Mitochondrion | C. The first stage of cellular respiration. |
| 4. _____ Electron Transport Chain | D. Describes any process that does not require oxygen. |
| 5. _____ Aerobic | E. The anaerobic respiration part of cellular respiration which is used to recycle NAD ⁺ . |
| 6. _____ Fermentation | F. The stage of aerobic cellular respiration that can make up to 34 ATP molecules. |
| 7. _____ Anaerobic | G. The stage of aerobic cellular respiration also known as Krebs Cycle. |

B. Fill in the following cellular respiration reaction using the following terms:

Carbon Dioxide, Oxygen, Sugar, Water

6 _____ + _____ → 6 _____ + 6 _____