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Cellular Respiration and Photosynthesis

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| **Across**  **2.** What is the form of photosynthesis?  **7.** what are the folds called?  **9.** Recall the splitting of the water molecules in the light-dependent process that released oxygen molecules into the atmosphere.  **10.** a green pigment, present in all green plants and in cyanobacteria, responsible for the absorption of light to provide energy for photosynthesis. Its molecule contains a magnesium atom held in a porphyrin ring. | **Down**  **1.** where is this energy stored in glucose?  **3.** How do plants produce glucose?  **4.** In what organelle does photosynthesis occur in these organisms?  **5.** why is cellular respiration an aerobic process  **6.** Describe the outer membrane of the mitochondria  **8.** where does the energy that living things need originally come from? |