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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? |