

1. Describe the structure of a chloroplast. Where do the “photo” and the “synthesis” reactions occur during photosynthesis?
2. Describe the structural components of ATP. Why is ATP so effective in carrying and storing energy?
3. Is the production of oxygen gas the purpose of photosynthesis? Explain.
4. How is fermentation similar to cellular respiration? How is it different? What are the different products produced by fermentation in animals and in yeast?
5. List and describe in a single sentence each of the two processes of energy capture and conversion. How are these two processes related to each other?
6. Summarize what happens in the *photo* portion of photosynthesis.