

# Photosynthesis and Cellular Respiration

Answer the following questions as you work through the computer simulation. They will also prepare you for the Reading.

1. List the structures and organelles that are part of the chloroplast of a plant cell.

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2. Complete the chart shown below for the processes that make up photosynthesis.

<i>Name of process</i>	<i>Where in cell the process occurs</i>	<i>Reactants IN</i>	<i>Products OUT</i>

3. List the structures and organelles that are part of the mitochondrion of a cell.

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4. Complete the chart shown below for the processes that make up cellular respiration.

<i>Name of process</i>	<i>Where in cell the process occurs</i>	<i>Reactants IN</i>	<i>Products OUT</i>

5. Compare aerobic respiration and fermentation (anaerobic respiration). List two similarities and two differences to compare the processes.

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