

<p>1. In which part of the chloroplast do the light independent reactions occur?</p> <p>A) Nucleus    B) Stroma C) Thylakoids/Grana D) mitochondria</p>	<p>2. List at least one other name for the light independent reactions.</p> <p>A) Calvin Cycle B) Winters Cycle C) Quarles Cycle D) Tri-Cycle</p>	<p>3. What is the name of the main molecule in a plant cell that captures sunlight energy &amp; converts it into sugar energy?</p> <p>A) Chlorophyll a B) Chlorophyll b C) Carottene D) Xanthophyll</p>
<p>4. What are the 3 products of the light dependent reactions of photosynthesis?</p> <p>A) O<sub>2</sub>, H<sub>2</sub>O &amp; ATP B) CO<sub>2</sub>, H<sub>2</sub>O &amp; ATP C) O<sub>2</sub>, ATP &amp; NADPH</p>	<p>5. List the 2 reactants of photosynthesis.</p>	<p>6. During which major set of reactions of photosynthesis is glucose (sugar) actually made?</p> <p>A) light dependent B) light independent C) cyclic photophosphorylation D) noncyclic photophosphorylation</p>
<p>7. In which major set of reactions of photosynthesis is CO<sub>2</sub> actually used to make glucose (sugar)?</p> <p>A) light dependent B) light independent C) cyclic photophosphorylation D) noncyclic photophosphorylation</p>	<p>8. What color of light is not used by chlorophyll (ie, the color that chlorophyll reflects)?</p> <p>a) blue b) red c) orange d) green e) both red &amp; blue are not used.</p>	<p>9. In what major set of reactions of photosynthesis is water changed into oxygen?</p> <p>a) noncyclic photophosphorylation b) cyclic photophosphorylation c) Calvin cycle d) light independent</p>
<p>10. Light is needed directly for all the light independent reactions to occur.</p> <p>True or False?</p>	<p>11. A plant cell does photosynthesis in order to change light energy to chemical (sugar) energy.</p> <p>True or False?</p>	<p>12. Name the 2 main stage or reactions of photosynthesis.</p> <p>a) Glycolysis &amp; Krebs Cycle b) light dependent &amp; light independent c) light independent &amp; Calvin Cycle d) light dependent &amp; Krebs Cycle</p>