

Ch 6 QZ 1

1. What is the array of colors of light? ___ ___
2. The flattened disc inside the chloroplast is
3. A series of linked RXN wher the product of one becomes the reactant of another _____
4. Capturing energy from light and turning it into a carbohydrate is _____
5. A compound that absorbs light is _____
6. Chlorophyll a absorbs _____ color
7. Chlorophyll b absorbs _____ color
8. Neither absorb _____ color
9. Write the formula for photosynthesis

Ch 6 QZ 2

1. Two types of biochemical rxn in chloroplasts
2. Light rxn occur in the _____ of the _____
3. The role of PSII is to _____
4. The role of PSI is to _____
5. When electrons leave chlorophyll, it is _____
6. The primary acceptor receives and electron and is therefore _____
7. Electrons are restored to PSII by splitting what molecule?
8. Where (what part of the chloroplast) do you find NADPH?

Ch 6 QZ 3

1. H₂O is split by a _____
2. How many electrons ? where do they go?
3. How many protons? where do they go?
4. How many oxygens? where do they go?
5. What is the process whereby ATP is synthesized?
6. ATP synthases have 2 functions
 - a. _____
 - b. _____
7. From where does the energy come to make ATP?
8. Is this rxn passive or active transport?

