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Cellular Respiration And Photosynthesis

Name: _____

Class: _____ Biology _____

Teacher: _____

Period: _____

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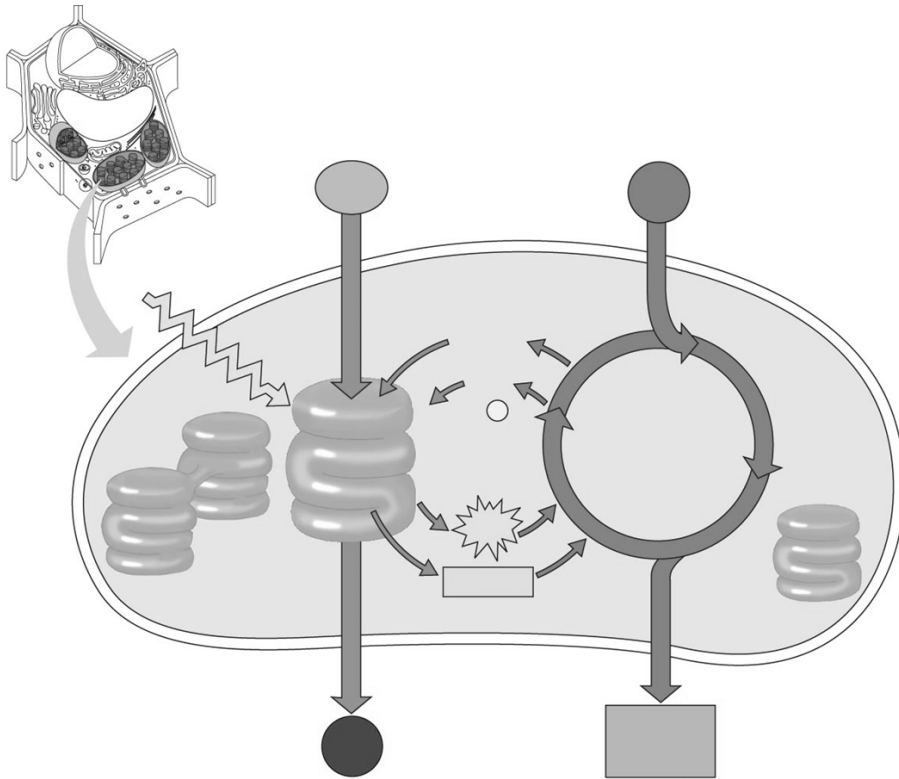
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Summary:

17. Describe the overall importance of Cellular Respiration and Photosynthesis. Use at least five sentences.

Photosynthesis:

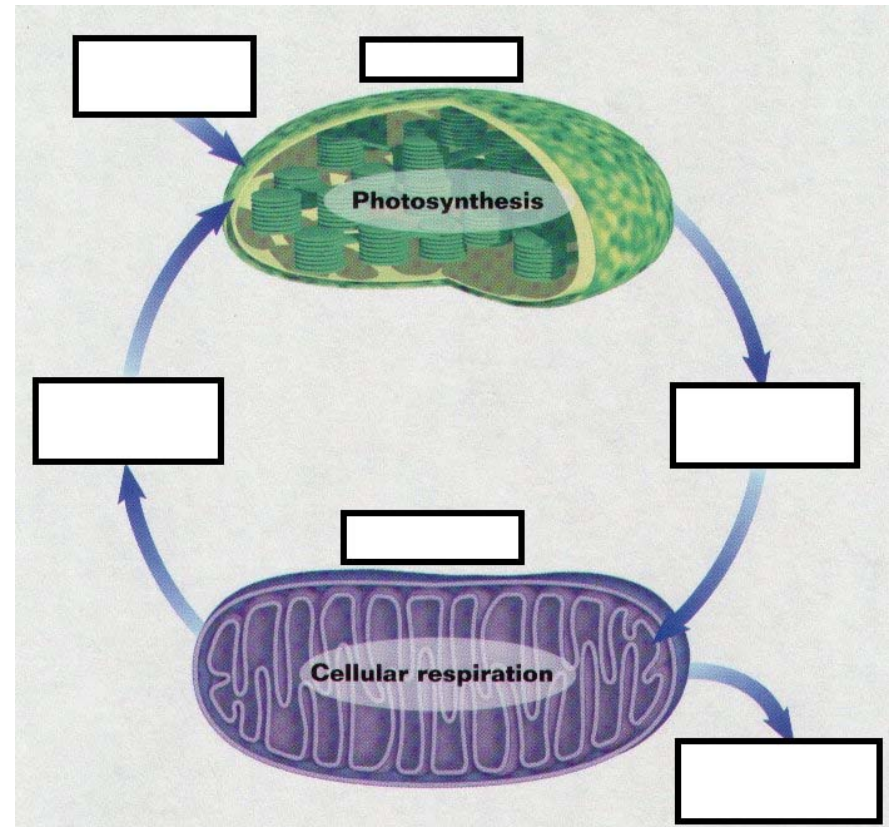
15. Fill in the flow chart below:



16. What is the chemical equation for photosynthesis?

Overview of Cellular Respiration and Photosynthesis:

1. Fill in the diagram below with the appropriate labels.



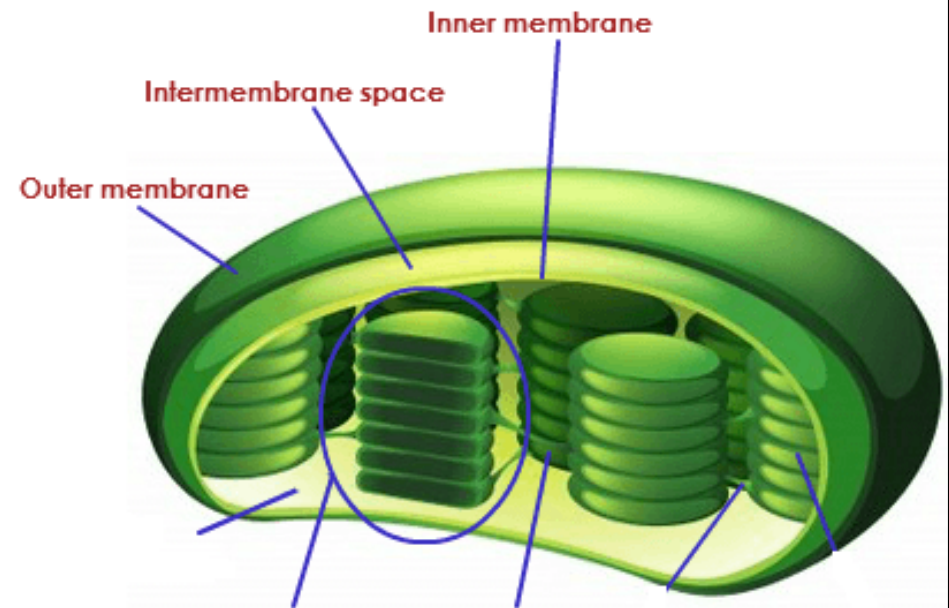
ATP:

Answer the questions below:

2. What is the function of ATP?
3. What happens to ATP when the bond between the second and third phosphate is broken?
4. What is formed when ATP releases energy?
5. What is the difference between ATP and ADP?

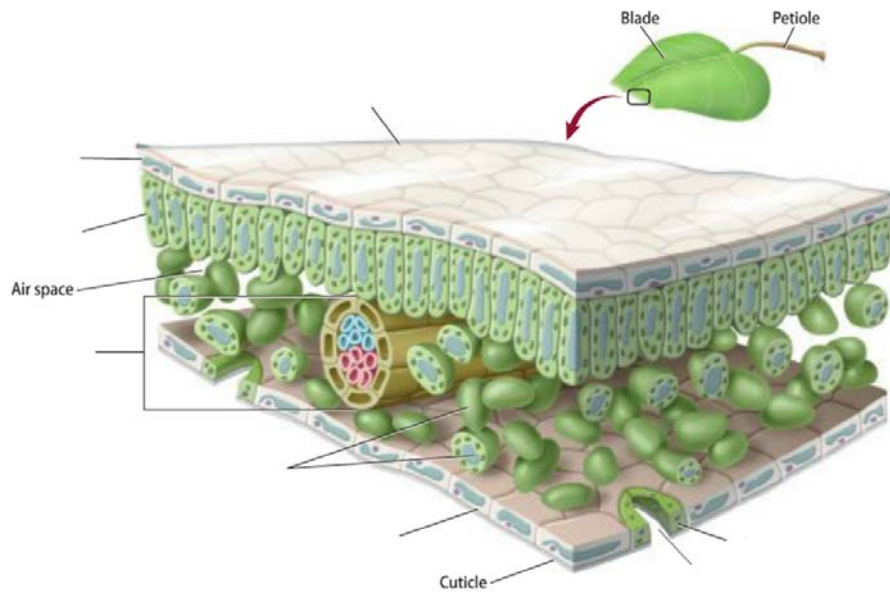
Chloroplast Diagram:

14. Label the stroma, granum and thylakoid disks on the chloroplast pictured below:

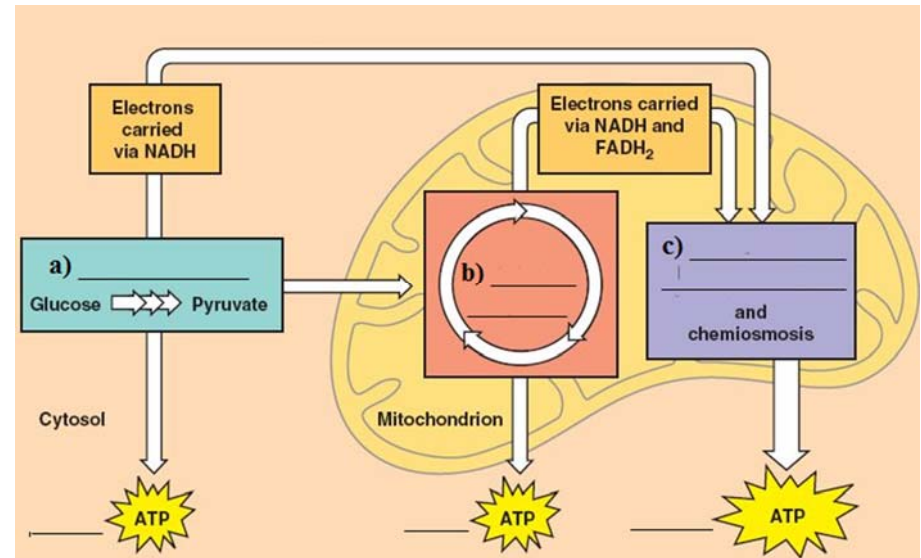


Leaf Structure Diagram:

13. Label the parts of the leaf below:



Cellular Respiration Process Overview:



6. What is the chemical formula for cellular respiration?

7. Identify the stages pictured below and describe about how much ATP is produced in each:

- A.
- B.
- C.

Stages of Cellular Respiration:

Summarize each stage by describing what is occurring in each stage and where they take place:

8. Glycolysis:

9. Krebs Cycle

10. Electron Transport Chain:

Aerobic Respiration vs Anaerobic Respiration:

11. What is the difference between aerobic respiration and anaerobic respiration?

12: Fill in the flow chart below:

