

Photosynthesis Part 1

Name: _____

Period: _____

Use Chapter 13, Section 1 of your textbook to answer the questions below.

Section 1: Photosynthesis (p.396)

1. Do plants have lungs? _____

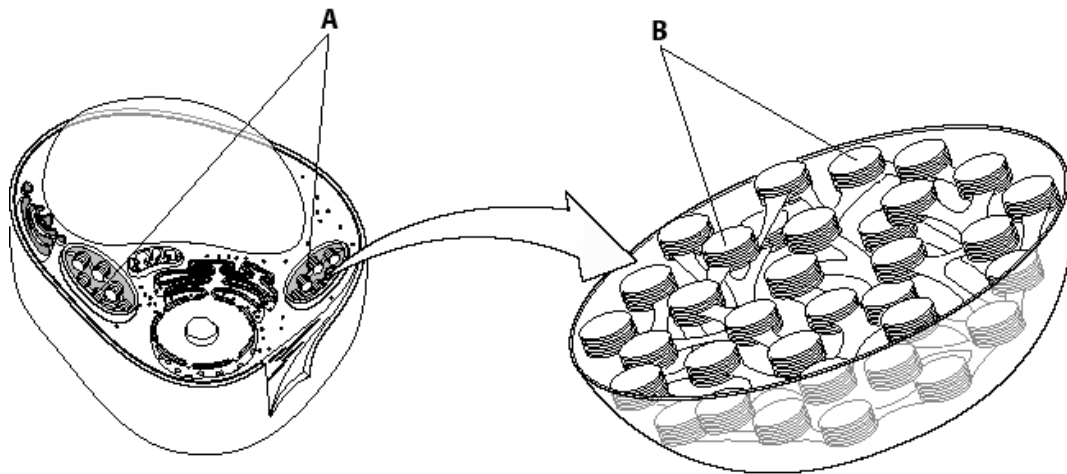
_____ 2. Which of the following gases (besides air) is needed by plants?
a. ozone b. methane c. carbon dioxide d. helium

3. _____ is the process used by plants to make their own food.

Capturing Light Energy (p.396)

4. What plant cell organelles capture sunlight energy for photosynthesis? _____

5. The green pigment in plant cells is called _____.



Match the labels to the parts of the diagram above. Write the letter in the space provided.

_____ 6. grana

_____ 7. chloroplasts

Making Sugar (p.397)

8. During photosynthesis, light energy is used to help make a simple sugar called _____.

9. Plant cells give off _____ gas during photosynthesis.

turn over for more questions

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Getting Energy from Sugar (p.397)

10. What do glucose molecules store? _____
11. The energy stored in glucose is released by organelles called _____.
12. Mitochondria get energy through the process of _____ ,
during which the mitochondria break down food molecules.
13. Look at Figure 2. Where is sugar made in a plant? _____
14. Look at Figure 2. Plants take in _____ through their roots to use during
photosynthesis.