



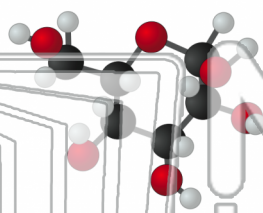
# Photosynthesis and Respiration

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1

What is the chemical formula for **glucose**?

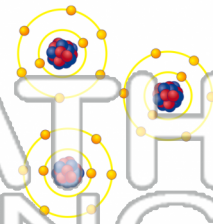
- A  $CO_2$
- B  $C_6H_{12}O_6$
- C  $O_2$
- D  $H_2O$



2

What substance is needed to carry out **respiration**?

- A oxygen
- B carbon dioxide
- C nitrogen
- D carbon



3

Through which **structures** does the **oxygen** produced by photosynthesis get out of the plant and into the air?

4

How many **molecules** of glucose ( $C_6H_{12}O_6$ ) are produced during photosynthesis?

5

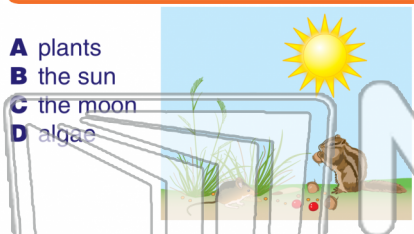


## PREVIEW

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7

- A plants
- B the sun
- C the moon
- D algae



**raw materials** for the process of cellular respiration.

True or false?

- A True
- B False



9

Match the term with the correct definition.

- chloroplast
  - stoma
  - chlorophyll
  - pigment
- A. an organelle where photosynthesis takes place
  - B. an opening on the leaf's surface that allows gases to move in and out
  - C. a green pigment molecule that captures energy from the sun

10

Match the term with the correct definition.

- alcoholic fermentation
  - respiration
  - photosynthesis
  - lactic acid fermentation
- A. a process used by yeast to obtain energy
  - B. a process that requires energy to produce food
  - C. a process that breaks down food to produce energy



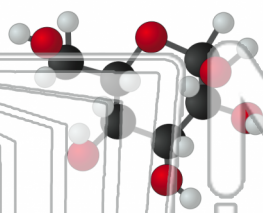
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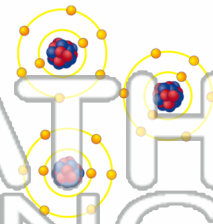
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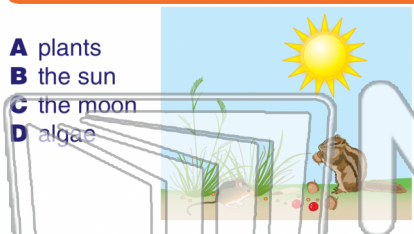
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