



Roots, Stems & Leaves

Name _____ Class _____ Date _____

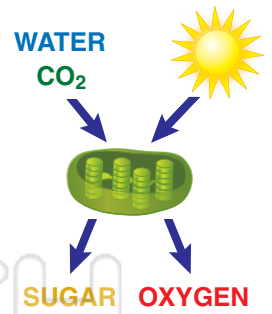
1 Kara pulled a plant from the soil and noticed that the plant had **many roots shooting out in many directions**.

What type of root system was Kara observing?



6 By looking at the **photosynthesis** diagram, what do plants **take in** in order to produce **sugar and oxygen**?

- a. sunlight
- b. carbon dioxide and water
- c. carbon dioxide, water, Sun's energy



2 Describe two functions of roots.



7 In what **organelle** does **photosynthesis** take place within a plant cell? Circle it.

3 A
n
p
p
a
b
c

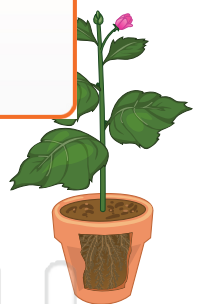


PREVIEW

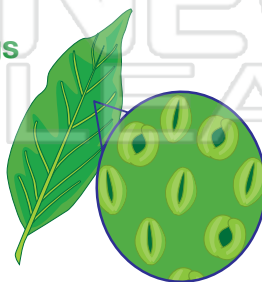
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4 c
a. to absorb water
b. to make food for the plant
c. to provide shade for the plant

- a. water and nutrients
- b. energy
- c. dirt and sugar



5 What are the **tiny openings in the leaf** that let air and water in and out of the leaf called?



10 What type of **root system** is pictured here?





Roots, Stems & Leaves - Answer Key

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E

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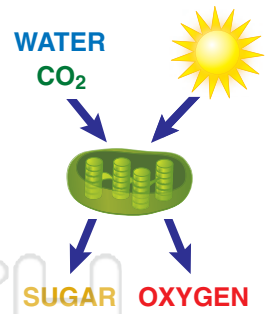
What type of root system was Kara observing?

fibrous system



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- a. sunlight
b. carbon dioxide and water
c. carbon dioxide, water, Sun's energy



- 2 Describe two functions of roots.

open-ended: absorbing nutrients, keeping the plant in the ground, etc.



- 7 In what **organelle** does **photosynthesis** take place within a plant cell? Circle it.

- 3 A
n
p
p
a
b
c

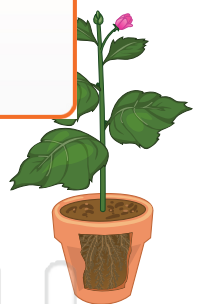


PREVIEW

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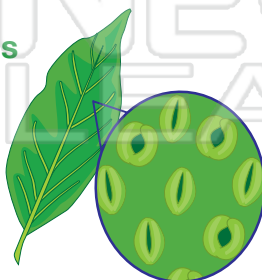
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- a. to absorb water
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- 5 What are the **tiny openings in the leaf** that let air and water in and out of the leaf called?

stomata



- 10 What type of **root system** is pictured here?

taproot system

