



Name _____ Class _____ Date _____

1 What type of **root system** is pictured below?

- A taproot system
- B fibrous system
- C above ground system
- D cellulose system



2 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?

- A taproot system
- B fibrous system
- C above ground system
- D cellulose system



3 What would happen to a plant if it **did not have roots** during a **windstorm**?

- A It would produce seeds.
- B It would not flower.
- C It would not get



4 Which is a **function** of some plant's **roots**?

- A to take in oxygen
- B to produce food
- C to store food
- D to absorb sunshine

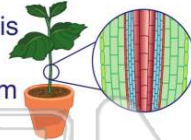


PREVIEW

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7 A magnifying glass shows a cross-section of a stem. What structure is labeled?

- A stomata and epidermis
- B xylem and phloem
- C embryo and endoderm
- D spores and seeds



- A Composite
- B Unicellular
- C Vascular
- D Cellular



9 What structure of a plant carries **water** and nutrients **upward** from roots to other parts of a plant?

- A chloroplast
- B epidermis
- C phloem
- D xylem



10 What structure of a plant carries **sugar** **away from leaves** to the rest of the plant?

- A phloem
- B xylem
- C pistil
- D stamen





ANSWER KEY

What type of **root system** is pictured below?

- A taproot system
- B fibrous system
- C above ground system
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(a)

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?

- A taproot system
- B fibrous system
- C above ground system
- D cellulose system



(b)

What would happen to a plant if it **did not have roots** during a **windstorm**?

- A It would produce seeds.
- B It would not flower.
- C It would not get energy from the Sun.
- D It would not get water from the soil.



(d)

Which is a **function** of some plant's **roots**?

- A to take in oxygen
- B to produce food
- C to store food
- D to absorb sunshine



(c)



PREVIEW

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- A stomata and epidermis
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- B Unicellular
- C Vascular
- D Cellular



What structure of a plant carries water and nutrients **upward from roots to other parts of a plant**?

- A chloroplast
- B epidermis
- C phloem
- D xylem



(d)

What structure of a plant carries sugar **away from leaves to the rest of the plant**?

- A phloem
- B xylem
- C pistil
- D stamen



(a)