Name: Date: Score: / 8

Plant Survival Parts: Learn and Practice

Roots, stems, thorns and more

Read each question. Circle the best answer.

💡 Plant Structures

- Plants have parts that help them survive, grow and reproduce.
- Roots take in water, stems carry it, and leaves make food.
- Thorns, bark and waxy coats protect plants.
- a cactus has spines and a thick stem: protection and water storage

1 🌱 Which plant part takes in water from the soil?

A. Fruit B. Flowers C. Leaves D. Roots

2 🐝 Which plant part often attracts bees?

A. Flowers B. Thorns C. Bark D. Roots

3 🍃 Which plant part makes food using sunlight?

A. Bark B. Seeds C. Roots D. Leaves

4 🍎 What does fruit do for a plant?

A. Blocks sunlight B. Makes the roots
C. Protects and spreads seeds D. Takes in water

5 How do spines help a cactus survive in the desert?

A. They make flowers
B. They protect it and give some shade
C. They pull up water
D. They make it grow faster

6 🌹 What do the thorns on a rose bush do?

A. Take in water B. Protect it from animals
C. Make food D. Make seeds

7 What job does a stem do?

A. Smells nice
B. Carries water and holds the plant up
C. Digs into soil D. Makes seeds

8 🌵 Why does a cactus have a thick, fleshy stem?

A. To store water B. To catch insects
C. To float D. To make noise

✏️ Explain it! Write two facts you learned about plant survival parts.

ANSWER KEY

Plant Survival Parts: Learn and Practice (answers)

Roots, stems, thorns and more

Read each question. Circle the best answer.

1 🌱 Which plant part takes in water from the soil?

A. Fruit B. Flowers C. Leaves **D. Roots**

Roots spread through the soil and soak up water and minerals for the plant.

2 🐝 Which plant part often attracts bees?

A. Flowers B. Thorns C. Bark D. Roots

Bright colors, sweet smells and nectar in flowers invite bees, which help make seeds.

3 🍃 Which plant part makes food using sunlight?

A. Bark B. Seeds C. Roots **D. Leaves**

Leaves catch sunlight and use it to make food for the whole plant.

4 🍎 What does fruit do for a plant?

A. Blocks sunlight B. Makes the roots

C. Protects and spreads seeds

D. Takes in water

Fruit holds seeds safely, and animals that eat it carry the seeds to new places.

5 How do spines help a cactus survive in the desert?

A. They make flowers

B. They protect it and give some shade

C. They pull up water

D. They make it grow faster

Spines keep thirsty animals away and cast tiny shadows that help the cactus lose less water.

6 🌹 What do the thorns on a rose bush do?

A. Take in water **B. Protect it from animals**

C. Make food D. Make seeds

Sharp thorns make animals think twice before munching on the plant.

7 What job does a stem do?

A. Smells nice

B. Carries water and holds the plant up

C. Digs into soil D. Makes seeds

The stem is like a straw and a backbone, moving water up and keeping the plant standing.

8 🌵 Why does a cactus have a thick, fleshy stem?

A. To store water B. To catch insects

C. To float D. To make noise

Deserts get little rain, so the cactus stores water inside its thick stem for dry times.