Plants

Use your textbook to help you fill in the blanks.

**How are plants classified?**

1. Small plants such as mosses which survive without a transport system are called

2. Plants that have a system of hollowed-out tubes to transport water and nutrients are called

3. A seed plant that does not produce flowers or fruits is called a(n)

4. A seed plant that produces flowers and fruit is called a(n)

**What are roots?**

5. Roots absorb minerals and water, store food, and

6. Root hairs abosrob water and minerals, and protect root tips.

7. The epidermis is on the outside of the root; just beneath it is the used to store food; and the center of the root is the

**What are stems?**

8. Stems have two main functions: and

9. Grasses have stems that are green and bendable; trees have

stems.

10. Two kinds of cells make up the transport system of plants. Cells that move water and minerals up the plant are . Cells that move food from the leaves to other plant parts are

**What are leaves?**

11. The function of leaves is to perform .

12. To perform photosynthesis, chloroplasts need , from the air, water from the soil, and

13. Air enters and exits plants through : pores on the underside of the leaves.

Fill in the blank with a term from the box.

angiosperm gymnosperm transpiration cambium phloem xylem cellular respiration photosynthesis

1. A seed that does not produce a flower is called a(n) .

2. Cells that move sugars up, down, and all around a plant are called .

3. A layer in the plant stem that separates xylem and phloem is called the .

4. The break down of sugars in plant and animal cells to produce energy and carbon dioxide is called

.

5. A seed that produces a flower is called an .

6. Cells that transport water and minerals from roots to shoots in plants are called .

7. The process that plants use to produce their food and give off oxygen is called

8. When water moves up the vascular tubes through stomata, occurs.