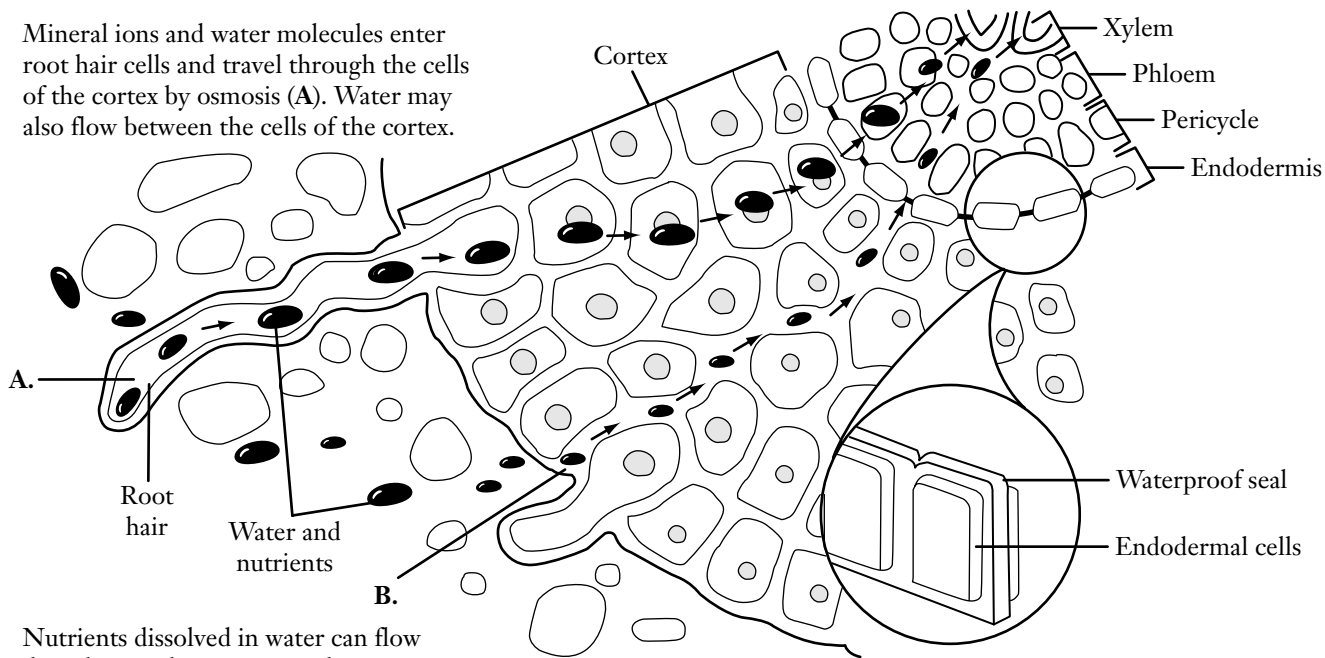


CHAPTER 26 FLOWERING PLANTS

Section 26.1 What Is an Angiosperm?
Section 26.2 Angiosperm Structures and Functions
Study the Diagrams

Use the diagram of the root to answer the questions.

Mineral ions and water molecules enter root hair cells and travel through the cells of the cortex by osmosis (A). Water may also flow between the cells of the cortex.



Nutrients dissolved in water can flow directly into the root cortex between the parenchyma cells (B), then through the cells of the endodermis.

1. **True or false?** Water and minerals can be absorbed by root hairs.

2. **True or false?** Water and minerals travel through the cortex to the cells of the phloem.

3. **True or false?** The endodermis forms a seal that controls the flow of water.
