

Name _____

Unraveling the Mystery of Plant Roots: Exploring Their Vital Functions

Short Answer Key

1. Anchoring, water absorption, nutrient absorption, storage, soil stabilization
2. Root hairs increase water absorption by increasing the surface area for uptake.
3. Roots absorb nutrients like nitrogen, phosphorus, and potassium from the soil.
4. Nutrient storage is important for sustaining the plant during times of scarcity.
5. Root systems help prevent soil erosion by binding soil particles together and stabilizing the soil.

