

Name _____

The Fantastic Journey: What Happens to Water After It Falls to the Ground?

Short Answer Key

1. Infiltration is when water soaks into the ground, while surface runoff is when excess water flows over the land's surface.
2. Evaporation is the process of water turning into water vapor from liquid form, and transpiration is the release of water vapor from plants into the air.
3. Human activities can impact water by altering infiltration and increasing surface runoff. For example, urbanization with concrete surfaces can reduce infiltration and increase flooding.
4. Understanding the flow of water in urban areas is essential for managing stormwater, preventing floods, and maintaining a sustainable water supply.
5. Factors that determine precipitation type include temperature, humidity, and the presence of ice nuclei in the atmosphere.

