Section 23-5 Transport in Plants (pages 599-602)

TEKS FOCUS: 11A Feedback mechanisms and maintenance of homeostasis; 13B Methods of growth of various plants

This section describes how water and the products of photosynthesis are transported throughout a plant.

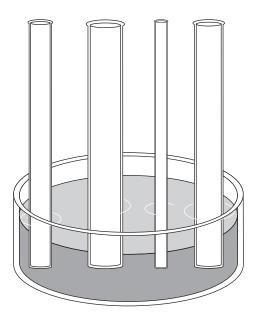
Water Transport (pages 599–601)

- 1. What combination of factors provides enough force to move water through the xylem tissue of even the tallest plant?
- **2.** Complete the table about attraction between molecules.

ATTRACTION BETWEEN MOLECULES

Type of Attraction	Definition
Cohesion	
Adhesion	

- **3.** The tendency of water to rise in a thin tube is called ______.
- **4.** How does the thinness of a tube affect how high water will rise because of capillary action? Show your answer by drawing how high water would rise in each of the tubes on the illustration.



5. The tubelike structures of what two kinds of cells use capillary action to raise water above the level of ground?

a.	b.	
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