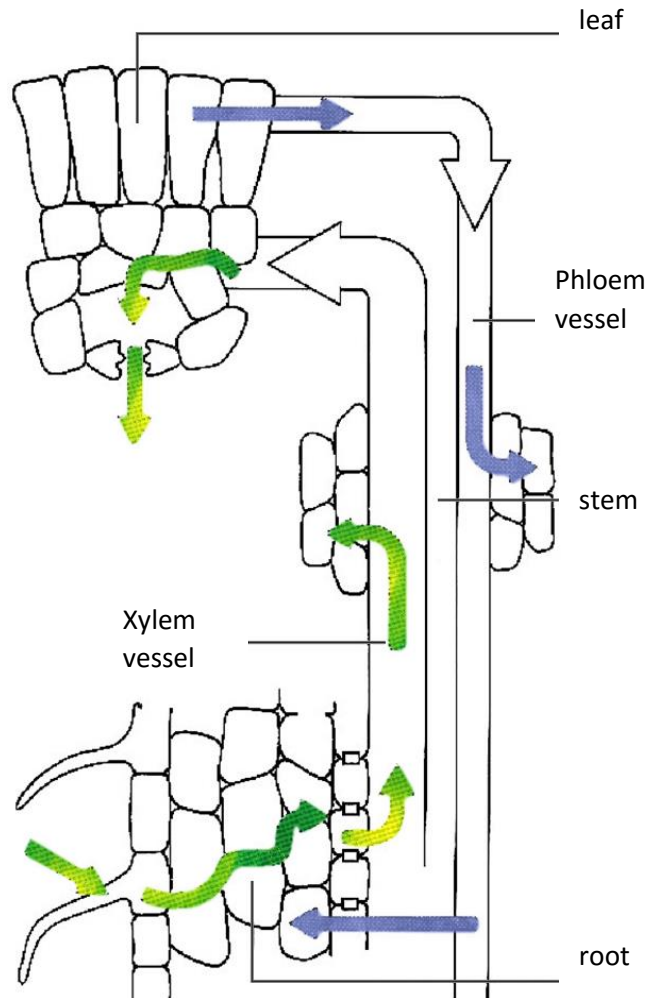


Worksheet §2.6 – Transport in plants

6. The transpiration stream has to lead the water (and the minerals) upwards through the plant: the grey arrows in figure 2.15.
 - a. Draw a **1** at all places in figure 3 where osmosis takes place.
 - b. Draw a **2** in figure 2.15 where capillary forces takes place.
 - c. Draw a **3** where active transport takes place.
7. Sugar is transported from the leaves to other parts of the plant: the black arrows in figure 2.15.
8. Draw a **4** in figure 2.15 where active transport is used to bring sugar into or out of a cell.
9. Draw a **5** in figure 2.15 where active transport is used to bring minerals into or out of a cell.
10. Fill in table 2.4.



type of transport	where	what	energy needed?
diffusion			
osmosis			
active transport			
capillary forces			

table 2.4: overview of different types of transport