Transpiration

1.	Transpiration is the	consequence	of excha	nge in a leaf.	This is		
	because plants must absorb		in ord	_ in order to carry out			
	They	also excrete	e, a waste product.				
	exchange requires a large	·	and				
	since the gases need to	before they can	into cells.	Since the su	rfaces		
	are, water	from t	he cell walls, and ca	n leave throนย	gh the		
	when they are open. The opening and closing is controlled by the						
	cells.						
2.	How much water is lost is a functi	ion of		aı	nd		
	speed. The rate of		can be measured using a				
	·						
3.	To replace the water lost by the _	, \	vater moves up fron	n the	·		
	This is possible because of the properties of water. Water is						
	because water molecules are to each other.						
	Draw a labelled diagram of how two water molecules interact:						
4.	Water molecules also have	F	properties. This allo	ws them to			
	strongly to present in the cell walls. Recall that						
	is a polysaccharide composed of glucose molecules,						
	in their ori	entation, forming	chains t	hat have			
	bonds between them which gives a lot of			strength.			

5.	Draw and annotate a diagram of xylem: