## Mark schemes

## Q1.

(a)	there is a gap in the circuit		
	or		
	S <sub>1</sub> needs to be closed to complete the circuit		
	or		
	S₁ needs to be closed to turn the hair straighteners on		
		1	
/ <b>L</b> \	the total registeres of the sirecuit decreases		
(b)	the total resistance of the circuit decreases	1	
	so the current increases		
		1	
	which increases the power output		
		1	
			[4]