Question Number	Answer		Mark
11(a)	To limit the current (in the circuit)		
	Or To avoid overheating/melting (in the circuit)	(1)	1
11(b)	Ixaz		
	$\frac{I_{\mathbf{W}}}{I_{\mathbf{Z}}} = 1$	(1)	
	as current is the same around a series circuit.	(1)	
	$\frac{v_{\rm W}}{v_{\rm Z}} = 0.25 \text{ (or 1:4)}$	(1)	
	as the (cross-sectional) area / A is 4 times less for Z Or as the (cross-sectional) area / A is 4 times greater for W	(1)	4
	(for MP3, allow an answer "<1") (Do not award MP2 if value for MP1 is incorrect) (Do not award MP4 if value for MP3 is incorrect)		
	Total for question 11		5