7	(a)		474.5	1	B1
	(b)		125	1	B1 allow $124.\dot{9}$ or $124.999(9\ldots)$
					Total 2 marks

8	eg $(8^{-2}\times 8^{9} =) 8^{-2+9}$ or 8^{7} or 2^{-6+27} or 2^{21} **or** $(8^{-2}\div 8^{10} =) 8^{-2-10}$ or 8^{-12} or $\frac{1}{8^{12}}$ or 2^{-6-30} or 2^{-36} or $\frac{1}{2^{36}}$ **or** $(8^{9}\div 8^{10} =) 8^{9-10}$ or 8^{-1} or $\frac{1}{8^{(1)}}$ or 2^{27-30} or 2^{-3} or $\frac{1}{2^{3}}$ **or** $(8^{n}\times 8^{10} =) 8^{n+10}$ or 2^{3n+30} **OR** $-2 + 9 = n + 10$ oe eg $-6 + 27 = 3n + 30$ oe **OR** $-2 + 9 - 10$ oe eg $\frac{-6+27-30}{3}$ oe		2	M1 for one correct application of an index rule (must be seen in powers of 8 or correct conversion to powers of 2) this could be after an initial mistake – working will need to be clearly seen **OR** for forming a correct equation in the indices alone **OR** for a complete method for the value of n
	Correct answer scores full marks (unless from obvious incorrect working)	–3		A1 Accept 8^{-3} or $\left(2^{3}\right)^{-3}$
				Total 2 marks