	2004
	7 (c) Given that $x = \frac{e^{2y} - 1}{e^{2y} + 1}$,
	(i) show that $e^{2y} = \frac{1+x}{1-x}$
Multiply both Sides by LCM.	$X\left(e^{2x}+1\right)=e^{2x}-1$
expond	$Xe^{2}\delta + X = e^{2y} - i$
Bring "e79" terms to 245	$Xe^{2y} - e^{2y-1} = -x - 1$
factorise (HCF)	$e^{2y}\left(x-1\right) = -x-1$
Divide by (X-1)	$\varrho^{2\gamma} = \frac{-X-1}{X-1}$
Change all signs in fraction	$\varrho^{2\gamma} = \frac{1+x}{1-x}$ QED

