13,6:16. Sin = = 100  $\frac{e - e}{2i} = 100$ et - et = 2000 Malt by et  $(e^{iz})^2 - 1 = 200ie^{iz}$  quadratic in  $e^{iz}$ e = "guad. formula" it = log ( ~~ ) 13.6:1;  $\frac{e^{xiy} + e^{x-iy}}{2}$ et = Cosyti Siny e'7 = Cosy- & Sing (1-i) Log (1+i)  $|3.7.23.(1+i)|^{-i} = e$ - Principal branch V = Lnu = VLnu U = e = e (Hi)= V2 e [17/4

 $Log(Hi) = Ln(2) + i \frac{\pi}{4}$   $(1-i) [Ln(2) + i \frac{\pi}{4}]$