$$a)_{z=0}$$
 $b)_{z=i}$ 72

$$e^{z}=1$$
 $e^{z}=los \frac{\pi}{2} + i sin \frac{\pi}{2} = i$

$$\frac{C}{Z} = \frac{1}{2} \ln 2 + i \frac{\pi}{4}$$

$$e^{\frac{1}{2}} = e^{\frac{1}{12}} \cdot e^{\frac{1}{12}} = \sqrt{2(65 \% + 1) \sin \%} = \frac{1+i}{12}$$

$$e^{\pm} = e^{3} \left(\cos(-1) + i \sin(-1) \right) = e^{3} \left(\cos 1 - i \sin 1 \right)$$