1.
$$Z=r(G=0)+TGTNO) = 2(\cos \frac{\pi}{6} + TGTNO)$$

* $r = \frac{1}{3} + 1 = 2$ Arg $z = Arctan \frac{1}{6} = \frac{\pi}{6}$

2. $Z=rh(Gosn0) + TGTNO)$
 $(-\sqrt{3}-7)^{23} = 2^{23}(\cos \frac{23}{6}\pi + TGTNO)^{23}\pi)$

* $(\cos \frac{23}{6}\pi = \cos(4\pi - \frac{\pi}{6}) = \frac{\sqrt{3}}{2}$
 $(\cos \frac{23}{6}\pi = \cos(4\pi - \frac{\pi}{6}) = \frac{\sqrt{3}}{2}$
 $(\cos \frac{23}{6}\pi = GG(4\pi - \frac{\pi}{6}) = -\frac{1}{2}$
 $2^{23}(\frac{\sqrt{3}}{2} + T(-\frac{1}{2})) + 2^{22}(\sqrt{3} - 7)$

*4, $u(x,y) = xy$
 $u_x = yy = y \rightarrow V = \frac{1}{2}y^2 + h(x)$
 $u_y = -V_x = a$
 $v_x = h(x) = -a$
 $v_x = h(x) = -\frac{1}{2}x^2 + C$
 $v_x = y = \frac{1}{2}y^2 - \frac{1}{2}x^2 + C$
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 $v_x = y = \frac{1}{2}y^2 - \frac{1}{2}x^2 + C$
 $v_x = y = -y = -bx$
 $v_x = \frac{1}{2}y = \frac{1}$

6.
$$\int_{0} Z = (2 - \frac{1}{27}) \pi = 1 \text{ dif } Z$$

$$= (2 + \frac{1}{2}) \pi$$

$$Z = e^{2\pi} e^{\frac{\pi}{2}} = \tau e^{2\pi}$$

$$(: e^{\pi i/2} = \tau)$$
7. $|Z| = 2 \rightarrow L = 4\pi$

$$|Z^{2} + 5| = |Z| + |Z| + |Z| = |Z| + |Z| + |Z| = |Z| + |$$



