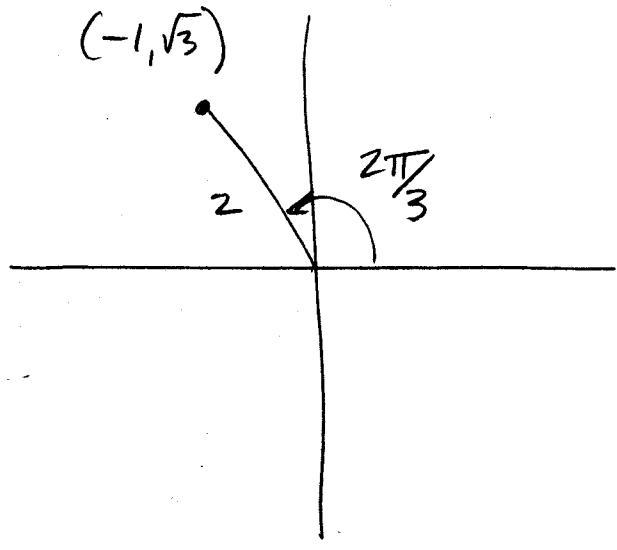


573  
10

$$\begin{aligned} & (-1 + \sqrt{3}i)^6 \\ &= [2e^{i2\pi/3}]^6 \\ &= 2^6 e^{i4\pi} \\ &= 64(1+0i) \\ &= 64 \end{aligned}$$



①  $y^2 - 8x + 4y + 12 = 0$

$y^2 + 4y = 8x - 12$

$4c = 8$

$c = 2$

$y^2 + 4y + 4 = 8x - 12 + 4$

$L.R = |4c|$

$(y+2)^2 = 8x - 8$

$= |8|$

$(y+2)^2 = 8(x-1)$

$= 8$

