

$$-3+4i \xrightarrow{Polor} cis(\pi + tan'(-\frac{4}{3}))$$

$$0 \le \theta < 2\pi \qquad \pi + tan'(-\frac{4}{3})$$

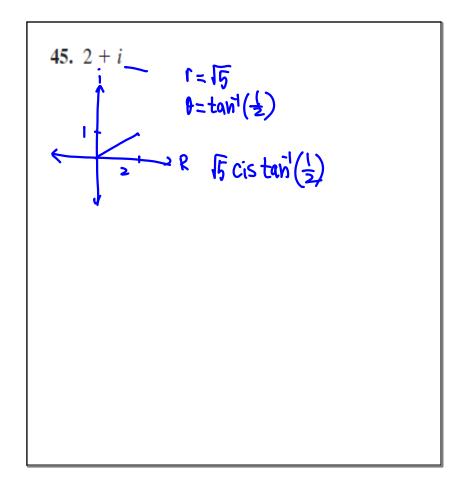
$$0 \le \Gamma \qquad -\frac{1}{3} \qquad \theta = tan'(-\frac{4}{3})$$

$$\frac{5cos(\pi + tan'(-\frac{4}{3}) + 5isin(\pi + tan'(-\frac{4}{3})))}{tan \theta \ge m}$$

$$\frac{5cos(\pi + tan'(-\frac{4}{3}) + 5isin(\pi + tan'(-\frac{4}{3})))}{\theta = \pi - \theta r}$$

$$\frac{\theta}{\theta = \pi - \theta r} = \pi - tan' \frac{4}{3}$$

$$5 cis(\pi - tan' \frac{4}{3})$$



$$-2 - i = \sqrt{5} \operatorname{cis}\left(\frac{\pi + \tan^{-1}(\frac{1}{2})}{1 + \tan^{-1}(\frac{1}{2})}\right)$$

$$F = \sqrt{5}$$

$$\theta = \tan^{-1}\left(\frac{-1}{-2}\right) = \tan^{-1}\left(\frac{1}{2}\right)$$

$$\frac{-2}{-1}$$

$$\frac{111 \tan^{-1}(\frac{1}{-2})}{-1}$$

rel.
 Polar

$$Z_1 = \sqrt{3} + 1$$
 $2 \cos 30^{\circ}$
 $Z_2 = -1 + 1$
 $\sqrt{2} \cos 35^{\circ}$
 $Z_2 = -1 + 1$
 $\sqrt{2} \cos 35^{\circ}$
 $Z_1 : Z_2 = -1 - 13 + (\sqrt{3} - 1))_1$
 $2\sqrt{2} \cos 165^{\circ}$
 $S_1 : Z_2 = -1 - 13 + (\sqrt{3} - 1))_1$
 $2\sqrt{2} \cos 165^{\circ}$
 $\Gamma = \sqrt{4 + 2/3} + 4 - 2/3$
 $Sin \Re = \frac{\sqrt{3} - 1}{2\sqrt{2}} = \frac{\sqrt{3} - 1}{4}$
 $-1 - \sqrt{3}$
 $Sin \Re = \frac{\sqrt{3} - 1}{2\sqrt{2}} = \frac{\sqrt{3} - 1}{4}$

 $(r_1 cls \theta_1)(r_2 cls \theta_2)$ $= (r_1 r_2) cis (\theta_1 + \theta_2)$