

Page 638 Converting complex numbers from rectangular to polar form and vice-versa

TI-84 Plus	Casio fx-9860GII
$2+2i \rightarrow Z$ $2+2i$ $Z \rightarrow \text{Polar}$ $2.82843e^{.78540i}$ 	$2+2i \rightarrow Z$ $2+2i$ $Z \rightarrow r\angle\theta$ 2.828427125 $\angle 0.7853981634$
$ Z $ 2.828427125 $\text{angle}(Z)$ $.7853981634$ 	$ Z $ 2.828427125 $\text{Arg } Z$ 0.7853981634
$2e^{\frac{\pi}{4}i} \rightarrow Z$ $1.41421+1.41421i$ $\text{real}(Z)$ 1.414213562 $\text{imag}(Z)$ 1.414213562 	$2e^{\frac{\pi}{4}i} \rightarrow Z$ 1.414213562 $+1.414213562i$
	$\text{ReP } Z$ 1.414213562 $\text{ImP } Z$ 1.414213562