

Homework Problem #002

Several complex numbers are given in various forms below. Complete the table by filling in the missing entries. *All angles should be in radians.*

Rectangular Form	Polar Form	Exponential Form
$2 + j2$	$2\sqrt{2} \angle \frac{\pi}{4}$	$2\sqrt{2}e^{j\pi/4}$
	$5 \angle -\frac{\pi}{2}$	
$-1 + j$		
		$7e^{j\pi}$