

Homework Problem #001

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

Rectangular Form	Polar Form	Exponential Form
$2 + j2$	$2\sqrt{2}\angle 45^\circ$	$2\sqrt{2}e^{j45^\circ}$
	$3\angle 0^\circ$	
$1 - j$		
		$2\sqrt{2}e^{-j45^\circ}$