

## PROBLEM:

Convert the following to rectangular form:

$$(a) z = \sqrt{2} e^{j(5\pi/4)}$$

$$(b) z = 5e^{-j(3\pi/2)}$$

$$(c) z = 2.4 \angle (2\pi/3)$$

$$(d) z = 5 \angle (-7\pi)$$

Give numerical values for the real and imaginary parts.