

PROBLEM:

Convert the following to rectangular form:

(a) $z = 3 e^{j(3\pi/4)}$

(b) $z = 10 e^{-j(\pi/2)}$

(c) $z = 4 \angle -(\pi/3)$

(d) $z = 10 \angle (-11\pi)$

Give numerical values for the real and imaginary parts.