

PROBLEM:

Convert the following to polar form:

(a) $z = -j10$

(b) $z = -5$

(c) $z = (-10, 10)$

(d) $z = 2 - j2$

(e) $z = -1 + j\sqrt{3}$

(f) $z = 5$

Give numerical values for the magnitude, and the angle (or phase) in radians.