

PROBLEM:

Convert the following to polar form:

(a) $z = j10$

(b) $z = -10$

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

(d) $z = -2 + j2$

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

(f) $z = 20$

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