

Chapter 9, Problem 9.

Evaluate the following complex numbers and leave your results in polar form.

(a) $5 \angle 30^\circ \left(6 - j8 + \frac{3 \angle 60^\circ}{2 + j} \right)$

(b) $\frac{(10 \angle 60^\circ)(35 \angle -50^\circ)}{(2 + j6) - (5 + j)}$