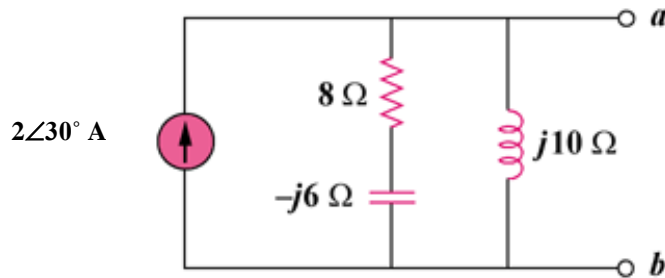


For both problems (and in general) write the answers for source phasors in polar notation (e.g. $4 \angle 30^\circ$) and impedances in rectangular form (e.g. $3 - j2$). This is the standard in ECE.

1. **Concept:** Thevenin and Phasor Analysis

Find: The Thevenin equivalent circuit at terminals a-b

Hint: The magnitude of the voltage is between 20 and 25



2. **Concept:** Thevenin and Phasor Analysis

Find: The Norton equivalent of the circuit below at terminals a-b

Hint: The equivalent impedance is purely real

