USE PHASORS TO SOLVE THESE PROBLEMS

1. P 10.8-1, modified. Change the frequency to 1500 rad/s.
2. P 10.8-19(b), modified. Change the capacitance to 10 mF.
3. P 10.10-4, modified. Change the frequency to 5000 rad/s. Note: The Thevenin equivalent is for the terminals on the right of the schematic. The top right terminal is node “a” and the bottom right terminal is node “b”. “a” should be the positive referenced terminal. Answer with phasors in polar form.
4. P 10.10-9