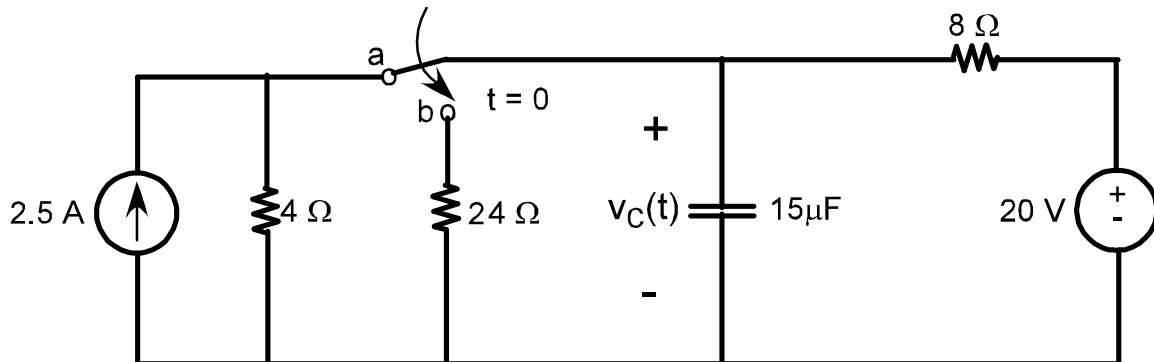


Homework Set #26
DUE Tuesday, May 16, 2017

1. In the circuit below, the switch is moved instantaneously from a to b at $t = 0$. Determine:
- Initial and final voltages across the capacitor.
 - The time-constant, τ
 - $v_C(t)$ and $i_C(t)$.



2. In the circuit below, the switch is moved instantaneously from a to b at $t = 0$. Determine:
- Initial and final currents through the inductor.
 - The time-constant, τ
 - $i_L(t)$ and $v_L(t)$.

