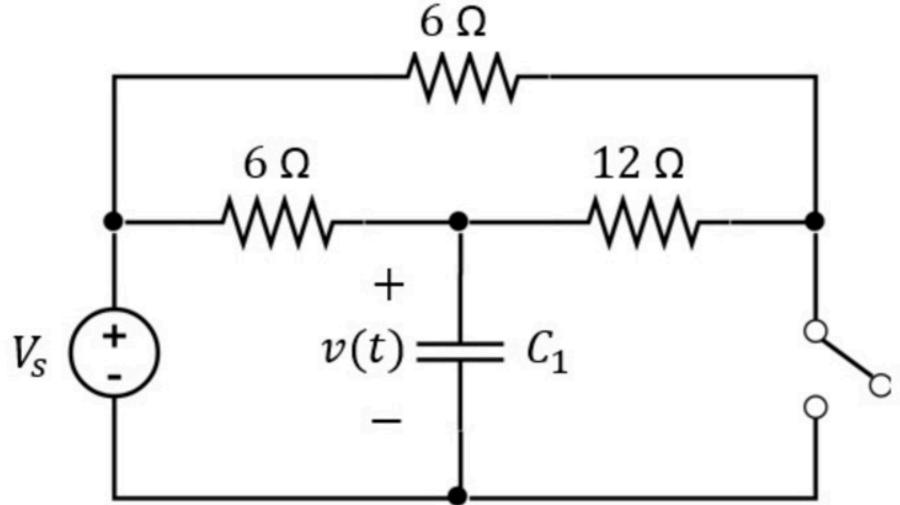
First order circuits 002

Unlimited Attempts.

- Find the time constant τ_1 and the steady state capacitor voltage $v_1 = v(\infty)$ when the switch is open.
- b) Find the time constant τ_2 and the steady state capacitor voltage $v_2 = v(\infty)$ when the switch is closed.



Given Variables: C1:8 nF Calculate the following: tau1 (ns): 36 v1 (V): 30 tau2 (ns): 32

v2 (V): 20