Problem 4

In the circuit in Fig. 4, the switch has been in position 1 for all $t < 0$. At $t = 0$, the switch is moved to position 2 (and remains there for $t > 0$). Calculate the capacitor voltage $v(t)$ for $t > 0$.

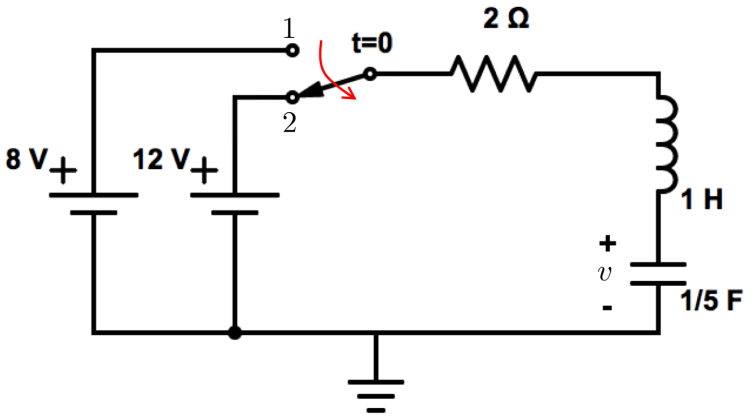

Figure 4