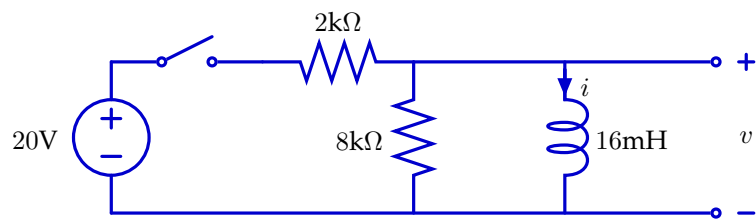


$$V(t) = \begin{cases} 12\text{V}, & \text{if } 1\text{ms} < t < 3\text{ms} \\ 0, & \text{otherwise} \end{cases}$$

$$I(t) = \begin{cases} 2\text{mA}, & \text{if } 1\text{ms} < t < 3\text{ms} \\ 0, & \text{otherwise} \end{cases}$$

$$v(0) = 0$$



- Switch is open for $t < 0$
- Switch closes for $0 \leq t < 50\text{ms}$
- Switch opens for $t > 50\text{ms}$

$$i(0) = 0$$