

Chapter 8, Problem 17.

In the circuit of Fig. 8.71, the switch instantaneously moves from position *A* to *B* at $t = 0$. Find $v(t)$ for all $t \geq 0$.

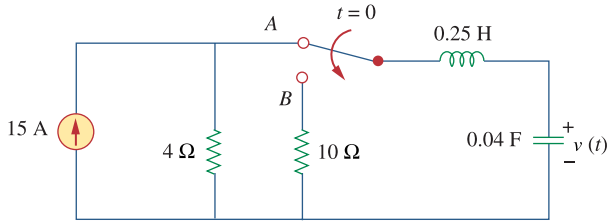


Figure 8.71
For Prob. 8.17.

Chapter 8, Problem 24.

The switch in Fig. 8.77 moves from position *A* to position *B* at $t = 0$ (please note that the switch must connect to point *B* before it breaks the connection at *A*, a make-before-break switch). Determine $i(t)$ for $t > 0$.

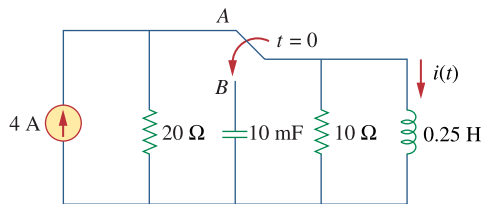


Figure 8.77
For Prob. 8.24.

Chapter 8, Problem 34.

Calculate $i(t)$ for $t > 0$ in the circuit of Fig. 8.82.

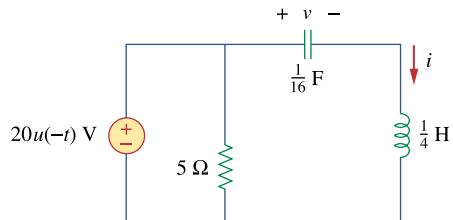


Figure 8.82

For Prob. 8.34.

Chapter 8, Problem 47.

Find the output voltage $v_o(t)$ in the circuit of Fig. 8.94.

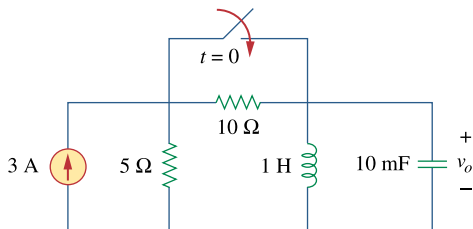


Figure 8.94

For Prob. 8.47.

Chapter 8, Problem 57.

If the switch in Fig. 8.103 has been closed for a long time before $t = 0$, but is opened at $t = 0$ determine:

- the characteristic equation of the circuit,
- i_x and v_R for $t > 0$.

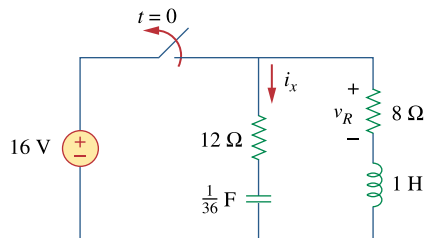


Figure 8.103
For Prob. 8.57.