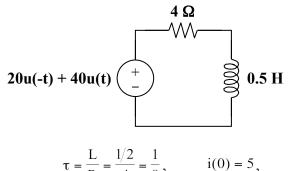
Chapter 7, Solution 61.

The current source is transformed as shown below.



$$\tau = \frac{L}{R} = \frac{1/2}{4} = \frac{1}{8}, i(0) = 5, i(\infty) = 10$$
$$i(t) = i(\infty) + [i(0) - i(\infty)] e^{-t/\tau}$$

$$i(t) = (10 - 5e^{-8t})u(t) A$$

$$v(t) = L \frac{di}{dt} = \left(\frac{1}{2}\right)(-5)(-8) e^{-8t}$$

$$v(t) = 20e^{-8t}u(t) V$$