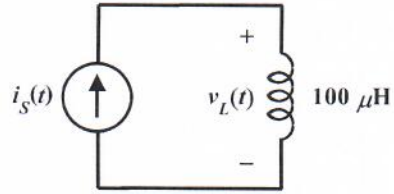
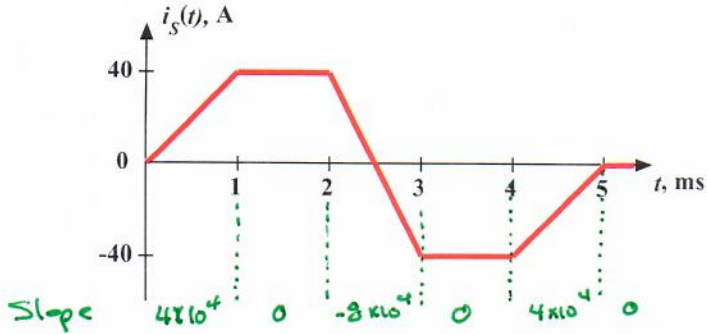


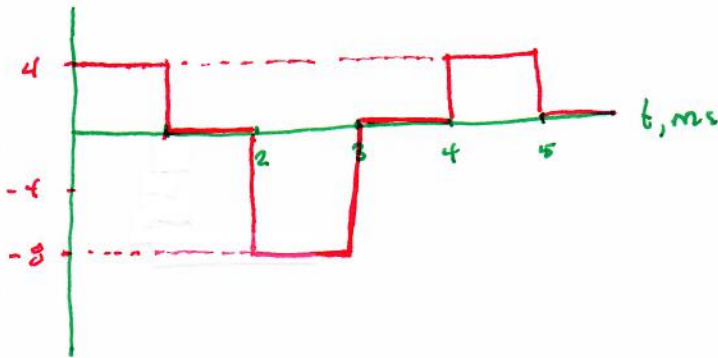
Homework Problem #042



The independent current source is described by the plot shown.

- a. Accurately sketch the waveform for the voltage, $v_L(t)$.

$$v_L(t) = 100 \times 10^{-6} \frac{di_s}{dt}, \text{ V}$$



- b. Accurately sketch the waveform for the power delivered by the independent current source.

$$p_s(t) = i_s(t) \cdot v_L(t), \text{ W}$$

