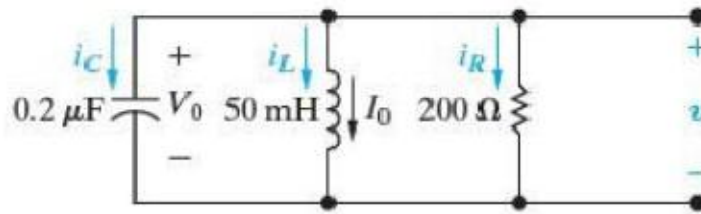
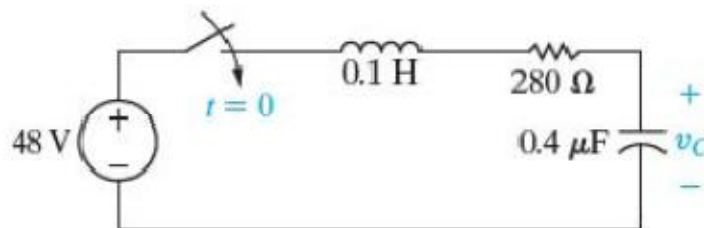


1. پاسخ مدارهای زیر را بدست آورید:



$$i_L(0) = 30\text{mA}$$

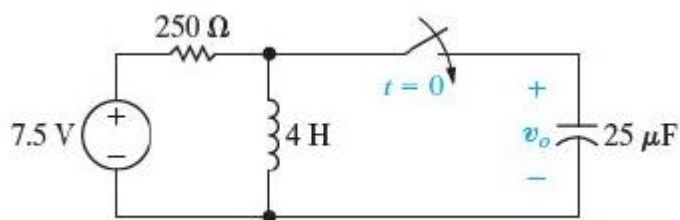
$$v_C(0) = 12\text{V}$$



$$v_C(0) = 0\text{V}$$

$$\frac{dv_C(0)}{dt} = 0\text{V}$$

2. معادله خروجی مدار زیر را بنویسید:



$$i_L(0) = 30\text{mA}$$

$$v_C(0) = 0\text{V}$$