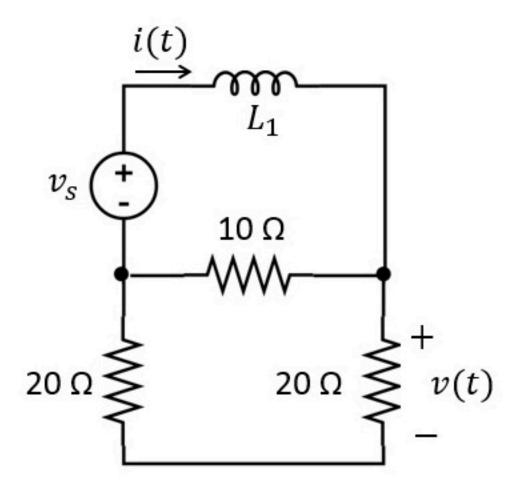
When t < 0,  $v_s = V_0$ When t > 0,  $v_s = V_1$ Find  $i(t) = A_1 + B_1 \cdot e^{-t/\tau_1}$  for t > 0and  $v(t) = A_2 + B_2 \cdot e^{-t/\tau_2}$  for t > 0



Given Variables:

V0:24 V

V1:32 V

L1:4 mH

Calculate the following:

A1 (A):

7

B1 (A):

-1

tau1 (ms):

0.5

A2 (V):

16

B2 (V):

tau2 (ms) :

0.5