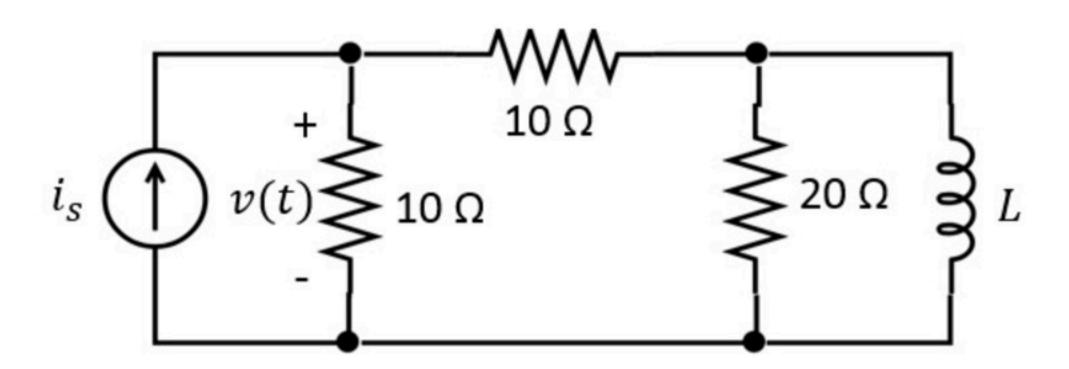
## First order circuits 006

Problem has been graded.

When t < 0,  $i_s = I_0$ 

When t > 0,  $i_s = I_1$ 

Find  $v(t) = A \cdot e^{-t/\tau} + B$  for t > 0



Given Variables:

I0:2A I1:10A L:0.25 uH

Calculate the following:

A (V):

20

B (V):

50

tau (ns):

25