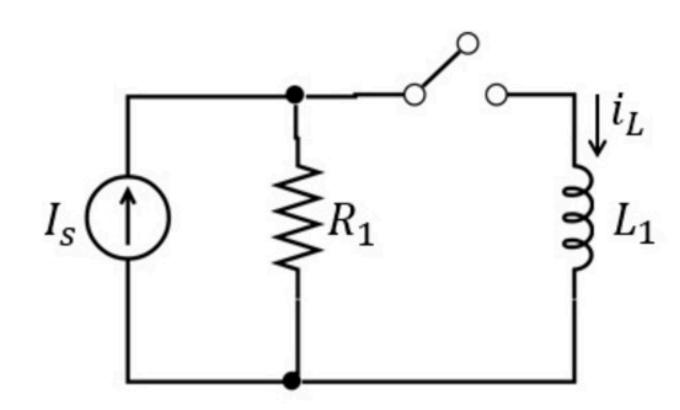
First order circuits 004

Problem has been graded.

The switch closes at time t=0. Find the current i_L for t>0:

$$i_L(t) = A \cdot e^{-t/\tau} + B$$



Given Variables:

ls:2A

R1:10 kohm L1:10 mH

Calculate the following:

A (A):

-2

B (A):

2

tau (ms):

0.001