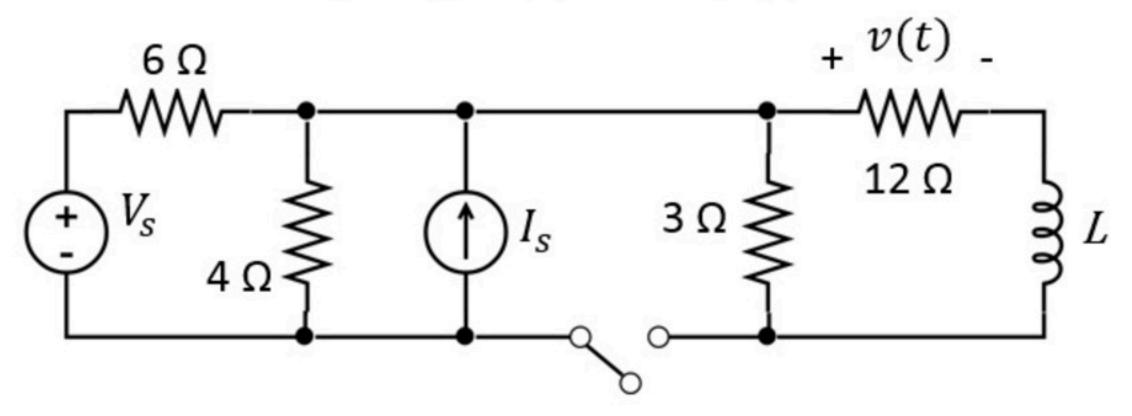
## First order circuits 005

## Problem has been graded.

The switch has been closed for a long time before it opens at t=0. After the switch opens, find the resistor voltage  $v(t)=A\cdot e^{-t/\tau}+B$ .



Given Variables:

Vs : 28 V Is : 2 A L : 1.5 mH

Calculate the following:

A (V):

8

B (V):

0

tau (ms):

0.1