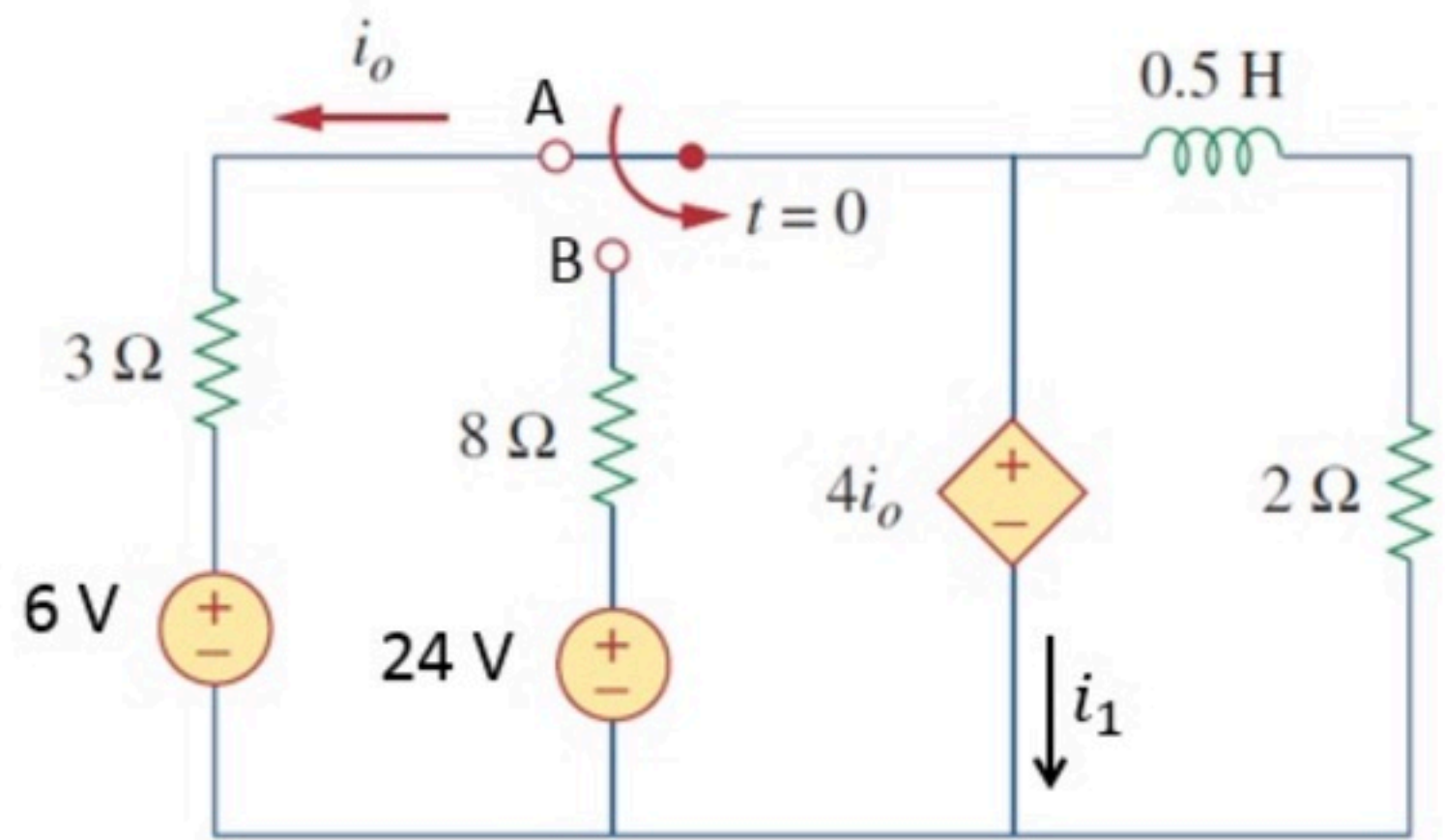


PP First order circuits 008

Unlimited Attempts.

The switch has been in position A for a long time.
At time $t = 0$, the switch moves to position B.

Find $i_1(t) = D$ for $t = 0^-$
 $= A \cdot e^{-t/\tau} + B$ for $t > 0$



Given Variables:

...

Calculate the following:

D (A) :

-18

✓

A (A) :

-12

✓

B (A) :

3

✓

τ (s) :

0.25

✓

Hint: What is i_o after the switch opens?