

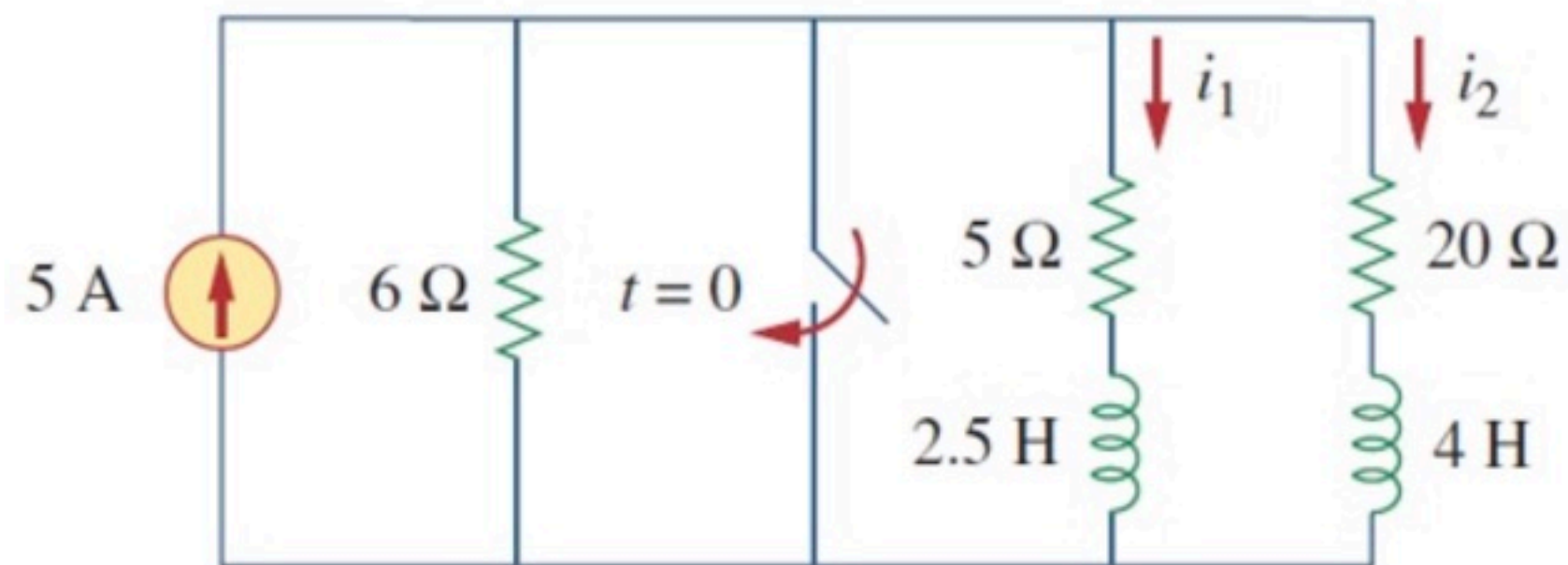
# PP First order circuits 009

Unlimited Attempts.

The switch has been open for a long time.

At time  $t = 0$ , the switch is closed.

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



Given Variables:

...

Calculate the following:

D (A) :

2.4

✓

A (A) :

2.4

✓

B (A) :

0

✓

$\tau$  (s) :

0.5

✓

Hint: After the switch closes, do the two inductors influence each other?