

ES 332 - hw10

April 13 2020

Name _____

DRILL EXERCISE 4.18

For the circuit shown in Fig. DE4.18, find the following initial conditions: $i_L(0)$, $v_C(0)$, $i_C(0)$, $di_L(0)/dt$, $dv_C(0)/dt$, $di_C(0)/dt$, $dv_L(0)/dt$.

Answer: 0 A; 6 V; 0 A; -6 V; -2 A/s; 0 V/s; -2 A/s; 4 V/s

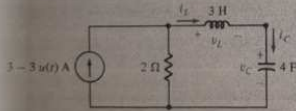


Fig. DE4.18