

## **Multi-State Advanced Manufacturing** Consortium

RELEASE DATE 2/22/2016 **VERSION PAGE** 

v 001

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US DOL SPONSORED TAACCCT GRANT: TC23767 PRIMARY DEVELOPER: Jim Blair - Henry Ford College

## **Basic Electricity – Unit 14: Inductance**

LR Time Constant Calculations Homework

Name:	
1.	A circuit has a 25 milli-henry inductor and a 1000 $\Omega$ resistor. What is the LR time constant?
2.	A circuit has a 25mH inductor and a 35 mH inductor in series with a 1 K $\Omega$ resistor. What is the value of the LR time constant?





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