

Multi-State Advanced Manufacturing Consortium

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

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 v 001

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Basic Electricity – Unit 15: Inductance and AC

Homework 1

1. A circuit has a 25 milli-henry inductor and a 200 Ω resistor. The frequency is 1000 hz. Calculate all values using the example as a guide.

2. A circuit has a 25mH inductor and a 35 mH inductor in a series with a 400 Ω resistor. The frequency is 1000 hz. Calculate all values using the example as a guide.







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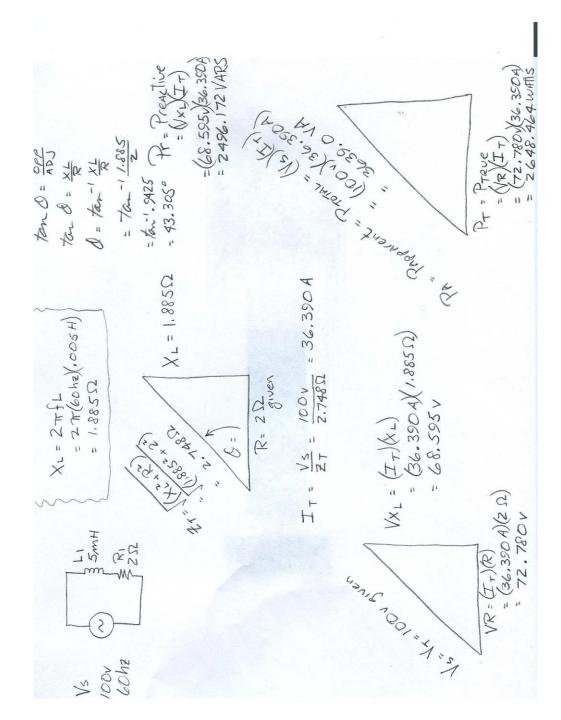
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Examples:







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