



DVOM

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Units of Measurement

- ☐ mega - M
 - multiply meter reading by 1,000,000
 - ☐ kilo - k
 - multiply meter reading by 1,000
 - ☐ milli - m
 - multiply meter reading by .001
 - ☐ micro - μ
 - multiply meter reading by .000001
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Meter operation

- ☐ Voltage drop must be measured with the current flowing
 - ☐ An ammeter must be in series with the circuit being tested
 - ☐ An ohmmeter should be used only with the circuit or component removed from the circuit (no power applied)
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Voltage Measurement

- ☐ Be certain the leads are connected correctly
 - ☐ Select the correct scale if the meter is not auto-ranging
 - ☐ Connect the leads to the component being tested
 - ☐ Current must be flowing to measure voltage drop
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Continuity Measurements

- ☐ Always isolate the circuit you are testing for continuity
 - ☐ A meter reading of OL indicates no continuity
 - ☐ A numeric reading indicates continuity although it may not be desired or within specifications
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Circuit Measurements

- ☐ Series Demonstration 
 - ☐ Parallel Demonstration 
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