

Lecture Contents

How to measure voltage

Turning the Multimeter Off

- Turn the power off when you are finished using the multimeter.
- The meter will also first beep, then turn itself off if it hasn't been used for a time.







- When measuring voltage, insert:
 - the **black** lead into the "COM" (common) port, and
 - the **red** lead into the " $V\Omega +$ " port.
- Yes, these are the same ports as we use to measure resistance.



By convention:

- Black is used for negative (or ground)
- RED is used for positive voltage

- To measure voltage, set the dial to the appropriate value.
- Since we have a
 5 volt power supply,
 in most cases, the
 20V setting will be
 appropriate.







































































