

# CHAPTER 2

## Measurements

# Multimeter Tool

Multimeters will measure Voltage, Current and Resistance.

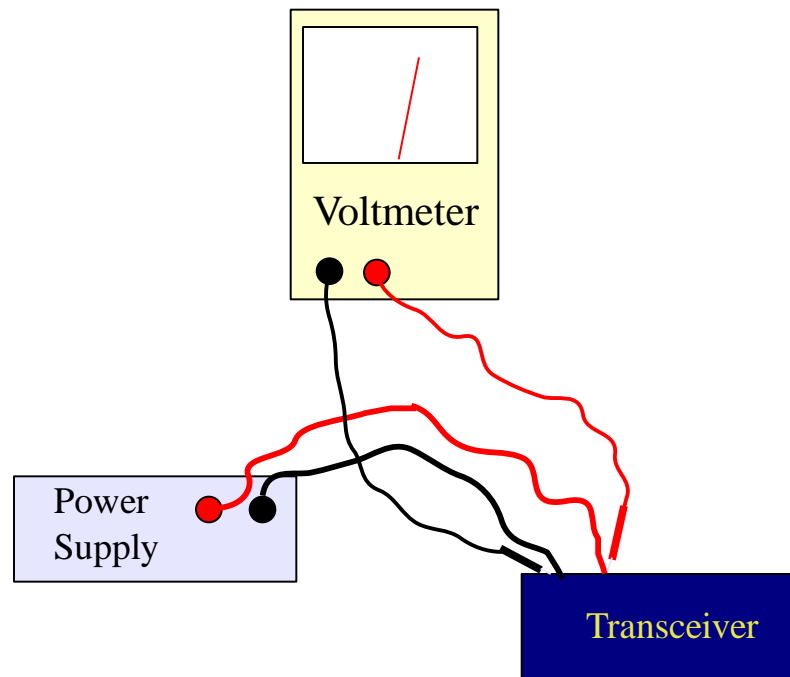
Be sure it is set properly to read what is being measured.

If it is set to the ohms setting and voltage is measured the meter could be damaged!



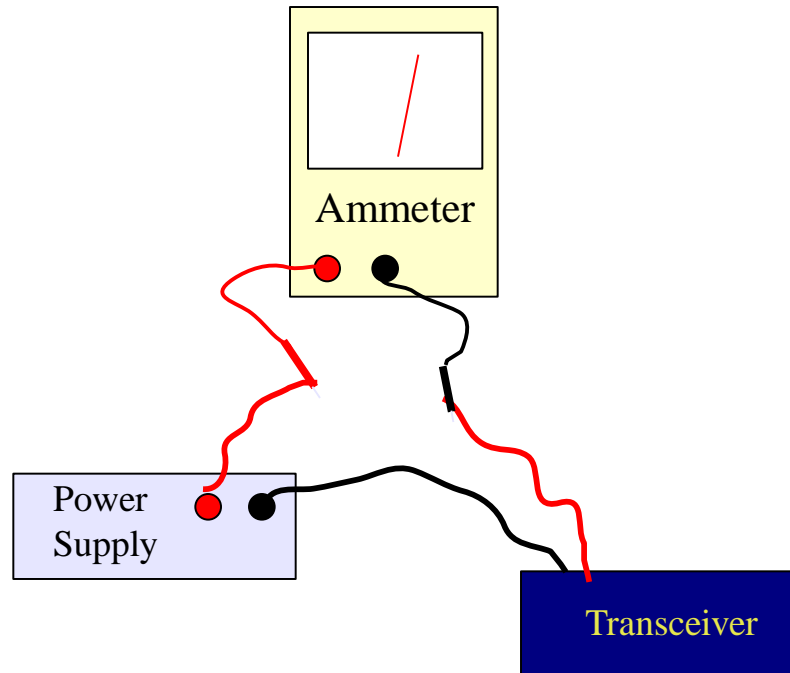
# Measuring Voltage

Potential difference (voltage) is measured with a voltmeter, the voltmeter is connected to a circuit under test **in parallel with the circuit**



# Measuring Current

The instrument to measure the flow of electrical current is the ammeter. An ammeter is connected to a circuit under test **in series with the circuit**



# Measuring Resistance

The instrument to measure resistance is the ohmmeter. An ohmmeter is connected to a circuit under test **in parallel with the circuit**

