### dm-2900.jpgExploring with the Digital Multimeter (DMM)

### 1. Conductivity (Continuity)

a) What is continuity (*in your own words*)?



b) Set your Digital Multimeter (DMM) to continuity, walk around the room and identify materials that are either *conductors* of electricity or *insulators*. Summarize your results in the table below.

|  |  |  |
| --- | --- | --- |
|  | **Material** | **Conductor or Insulator?** |
| **1.** |  |  |
| **2.** |  |  |
| **3.** |  |  |

### 2. Voltage

a) What voltage is displayed on your **AAA** battery? \_\_\_\_\_\_\_V

b) What reading did the DMM display for your **AAA** battery? \_\_\_\_\_\_\_V

c) What voltage is displayed on your **AA** battery? \_\_\_\_\_\_\_V

d) What reading did the DMM display for your **AA** battery? \_\_\_\_\_\_\_V

e) What voltage is displayed on your **square** battery? \_\_\_\_\_\_\_V

f) What reading did the DMM display for your **square** battery? \_\_\_\_\_\_\_V