|  |  |
| --- | --- |
| **Component** | **Symbol** |
| **3V Battery** |  |
| **LED** |  |
| **Normally Open  Momentary Switch** |  |

### Your First Circuit Diagram (Schematic)

### 1. Circuit Symbols

a) Review the two links provided in the WORKSHEETS column of CLASS #3. (*Circuit Diagram* and *Circuit Symbols*)

b) In the table cells provided to the right, draw, from memory, the symbol for each of the indicated components

c) In your own words, describe how you indicate that intersecting wires are either *connected* or *not connected*.

### 2. Circuit Diagram (Schematic)

### a) Using the correct circuit symbols, and respecting the polarity of all components, draw the circuit diagram that describes the series circuit assembled in CLASS #3.

### b) Using the correct circuit symbols, and respecting the polarity of all components, draw the circuit diagram that describes the parallel circuit assembled in CLASS #3.