**Circuits and schematic diagrams**

Open up your circuit kit and try setting up a few circuits. Below draw two different circuits. Each circuit must have at least three components. Draw both the schematic diagram and the circuit diagrams

|  |  |
| --- | --- |
| Circuit 1 | Circuit 2 |
|  |  |
|  |  |

Create the following circuits. Write down any observations and record any measurements from voltmeters or ammeters

|  |  |  |  |
| --- | --- | --- | --- |
| Circuit diagram |  | Circuit diagram |  |
| Observations |  | Observations |  |
| Current |  | Current |  |
| Circuit diagram |  | Circuit diagram |  |
| Observations |  | Observations |  |
| Voltage |  | Voltage |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Circuit diagram |  | Circuit diagram |  |
| Observations |  | Observations |  |
| Current |  | Current |  |
| Circuit diagram |  | Circuit diagram |  |
| Observations |  | Observations |  |
| Voltage |  | Voltage |  |