Potential Plots for Resistor, Capacitor and Diode Circuits
Potential Plots for a Single Resistor and Two Resistors in Series (Potential is Plotted Vertically)

Arrows represent voltage drops
Potential Plot for Two Resistors in Parallel

Arrows represent voltage drops
Charging a Capacitor Through a Resistor

Start                   Intermediate time                  Finish
Potential Plots for (a) Forward- and (b) Reverse-Biased pn-Diodes in a Circuit

Potential

0.7V