

electromotive force

pot. diff

3

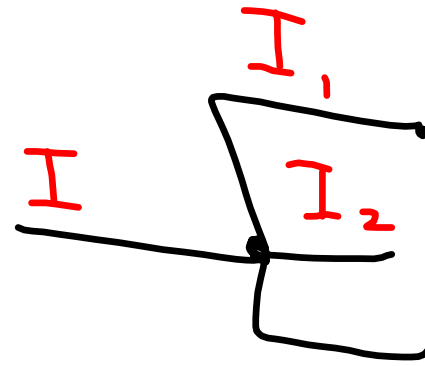
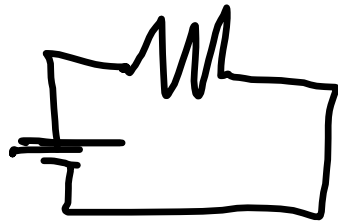
chem  
mech

4

Junction Rule

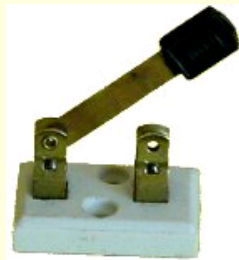
Loop

$$V - IR = 0$$



$$I = I_1 + I_2 + I_3$$

Select and drag components into place from the group at the bottom of the page. Connect them using pen lines for wires.



This is a sample introductory exercise on working with circuit diagrams. Students were asked to try and create a circuit whereby a light can be turned on/off by either of two switches, as in a room with two entry doors. (The circuit diagram was created using DesignWorks Lite 4, from [www.dwlite.com](http://www.dwlite.com))

