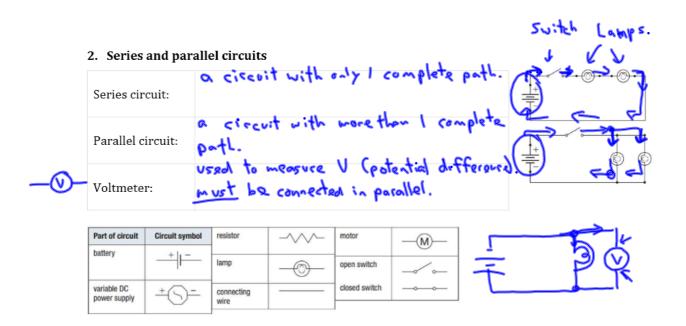
SPH3U 11.3 Electric Potential Difference

1. Electric potential difference

Electric potential:	potential energy from electrons packed together.
Electric potential difference:	change in electric potential between 2 points.
equation	N = SE (nolts)
Quantity of electrons:	O, # of electrons, (amount of charge). Units: ((coulomb)

Calculate the electric potential difference between the negative and positive terminals of a battery if $1500\,\text{J}$ of electric potential energy is transformed to move $125\,\text{C}$ of charge between the terminals.



Homework: page 513: #1-5, 7