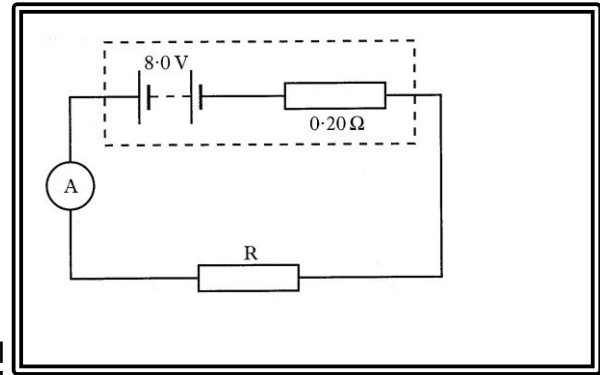
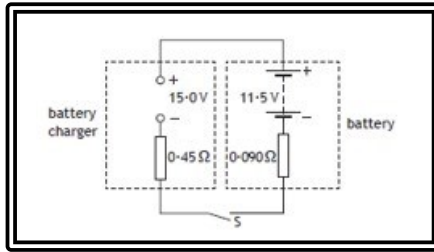


V=

E=



Use of appropriate relationships to solve problems involving EMF, lost volts, t.p.d., current, external resistance, and internal resistance.

Calculate charging current

Reading on ammeter is 4A, calculate R

Describe an experiment to measure the EMF and internal resistance of a cell

Electrical sources and internal resistance

Define an ideal supply

Define lost volts

Define internal resistance

Determine EMF,  $r$  and  $I_{sc}$  using graphical methods

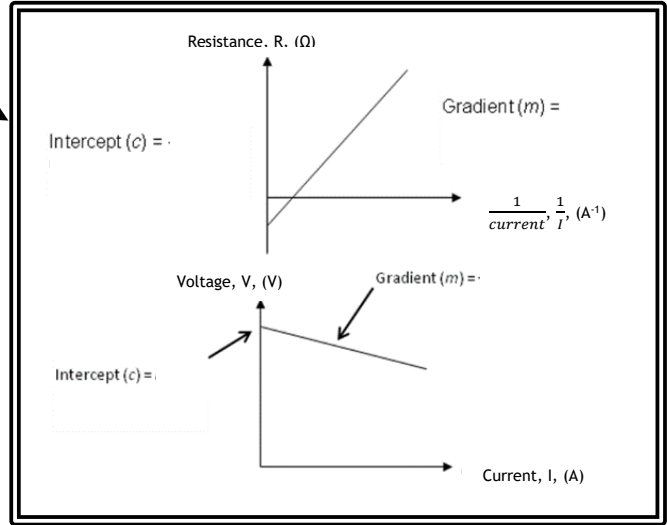
Where do you place the ammeter?

Where do you place the voltmeter?

Describe short circuit

Describe an open circuit

Define terminal potential difference



Blank box for answer to 'Where do you place the ammeter?'

Blank box for answer to 'Where do you place the voltmeter?'

Blank box for answer to 'Describe short circuit'

Blank box for answer to 'Describe an open circuit'

Blank box for answer to 'Define terminal potential difference'

Blank box for answer to 'Define an ideal supply'

Blank box for answer to 'Define lost volts'

Blank box for answer to 'Define internal resistance'