PHYSICS DEFINITIONS GRADE 12 - FILL IN THE MISSING TERM

CIRCUITS AND ELECTROSTATICS

CIRCUITS:

Ohm's law – the across a conductor is proportional to the in the conductor at constant

Potential difference – the transferred per unit electric flowing through it

Emf – the done per unit by the source

Terminal potential difference – the measured across the terminals of a battery when are flowing in the circuit

Current – the of of

Resistance – the of the across a resistor to the current in the resistor / the to the flow of electric charges

ELECTROSTATICS:

Coulombs law – the of the force exerted by one point charge on another charge is proportional to the of the magnitudes of the and proportional to the of the between them

Electric field – a of space in which an electric experiences a

Electric field at a point – the force experienced per unit placed at that

LIVEWORKSHEETS