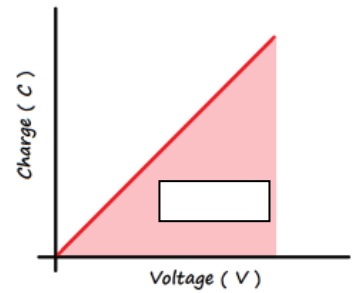
Capacitors

C=

V=

E=

https://www.physicsscotland.co.uk/classes/higher-physics-cfe/capacitors



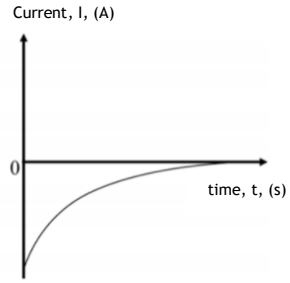
Use of an appropriate relationship to solve problems involving capacitance, charge and potential difference

Three relationships to calculate energy

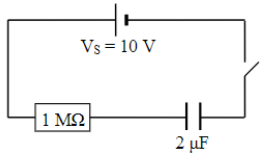
Area under the graph is?

Description of experiments to investigate the variation of current in a capacitor and voltage across a capacitor with time.

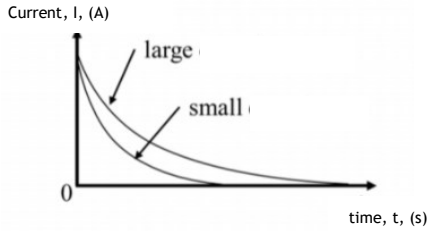
Charging or discharging?

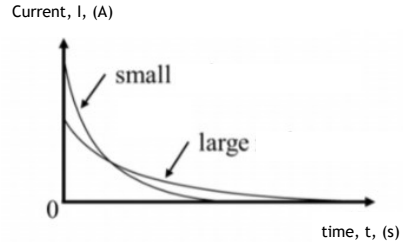


Show that the current through the resistor $I = 1 \times 10^{-5}$ A



Label graphs appropriately





Define capacitance.

Relationship to determine charge for a constant charging current.

Practical uses of capacitors include?

Area under a current-time graph represents.

Definition and purpose of a capacitor.