

Friday Mar 3, 2017

Last time:

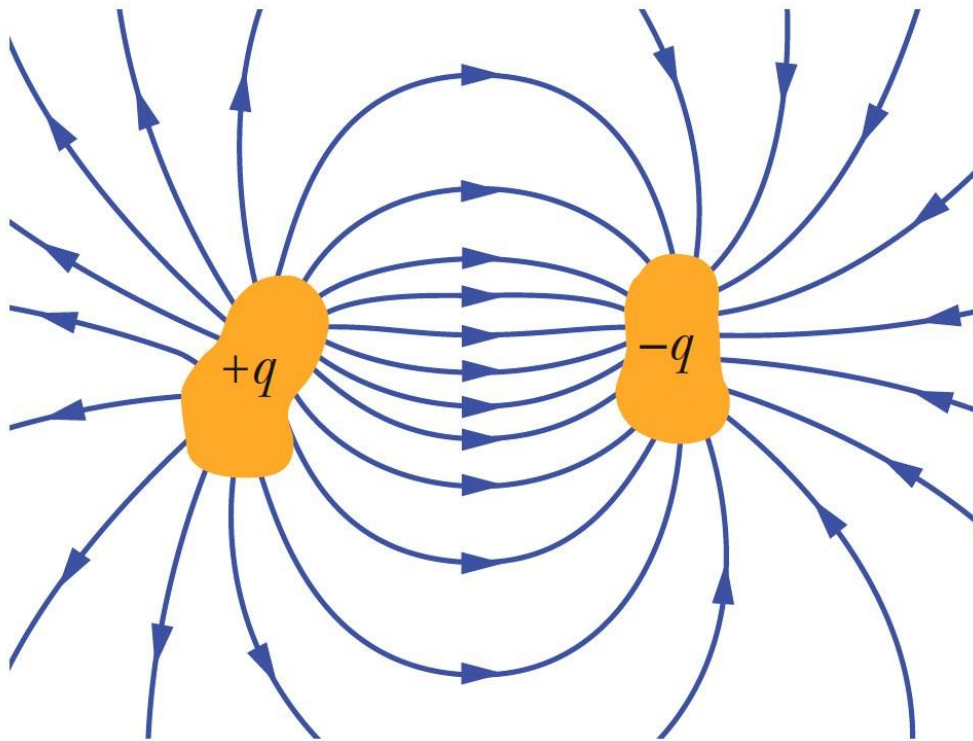
- TopHat questions
- Potential of line of charge (finite and infinite) on the board

Today:

- Capacitors – demonstrations
- Group activity- electric potential

Capacitors

A capacitor is any two electrodes separated by some distance. Regardless of the geometry, we call the electrodes “plates”.



Need to be electrodes (metal) in order to charge and discharge freely by the flow of charges.

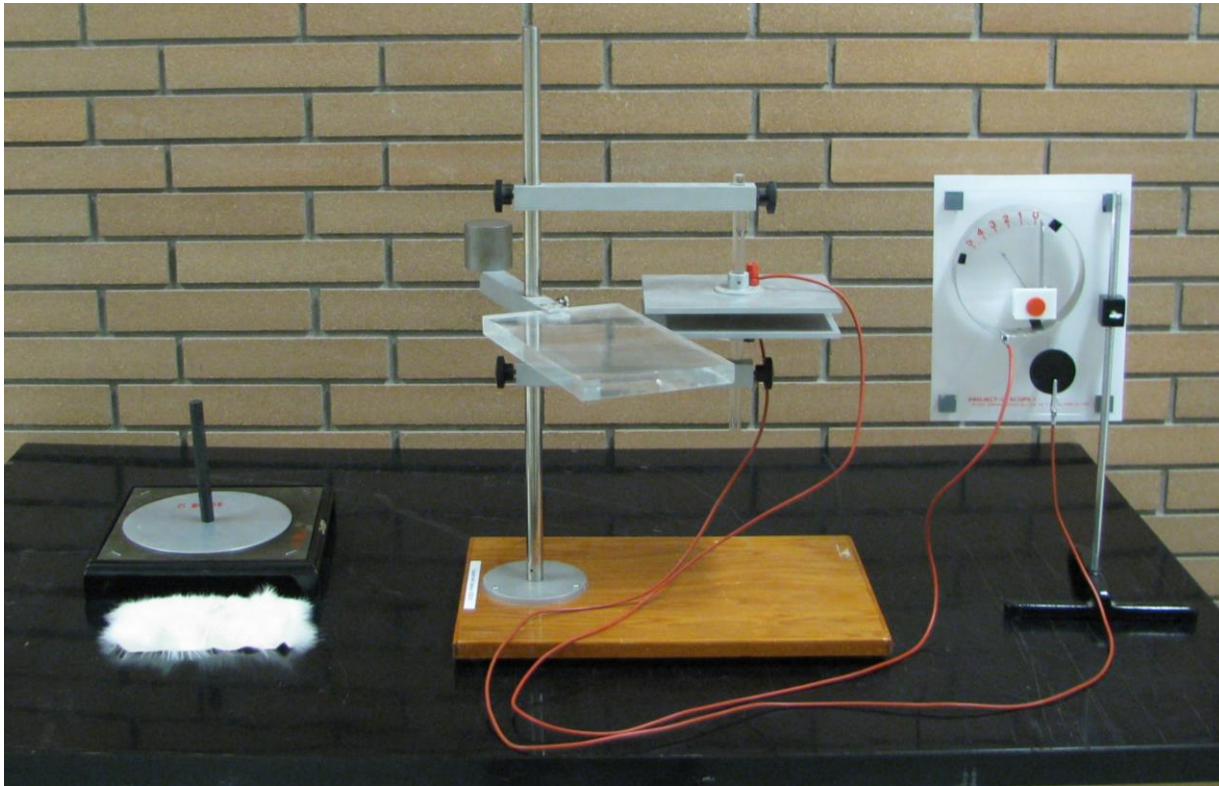
By convention, a capacitor has equal and opposite charges on its plates (although this technically does not have to be true).

Demonstrations

- Capacitor (charge storage)

Demonstrations

- Capacitor with Dielectric



Group activity