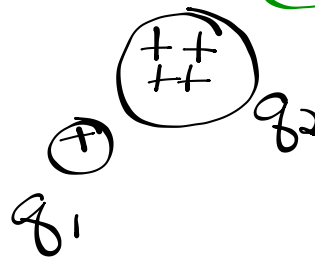


CHARGE!
+

Q_1

$$E_1 = E_2$$



~~$E_1 > E_2$~~
 ~~$E_2 > E_1$~~

Q_2
CHARGE!
-

Electrostatic force:

- Measured in Newtons
- Exists between two charged particles
- Attractive/repulsive
- $F = k \frac{q_1 q_2}{r^2}$

Electric fields:

- Measured in N/C
- Exists because of one charge
- Have one direction and one magnitude (at a given position)
- $E = \frac{F}{q}$ q is charge of a theoretical particle in the field

Electric Potential

- How much work an electric field can do
- Measured in volts

Electric field:

