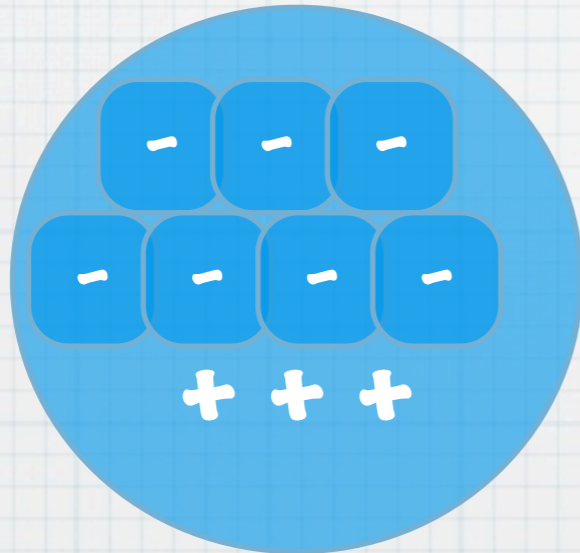


Charging by Conduction

Charging by Conduction

- * Two objects with different amounts of charge come into contact

CHARGED

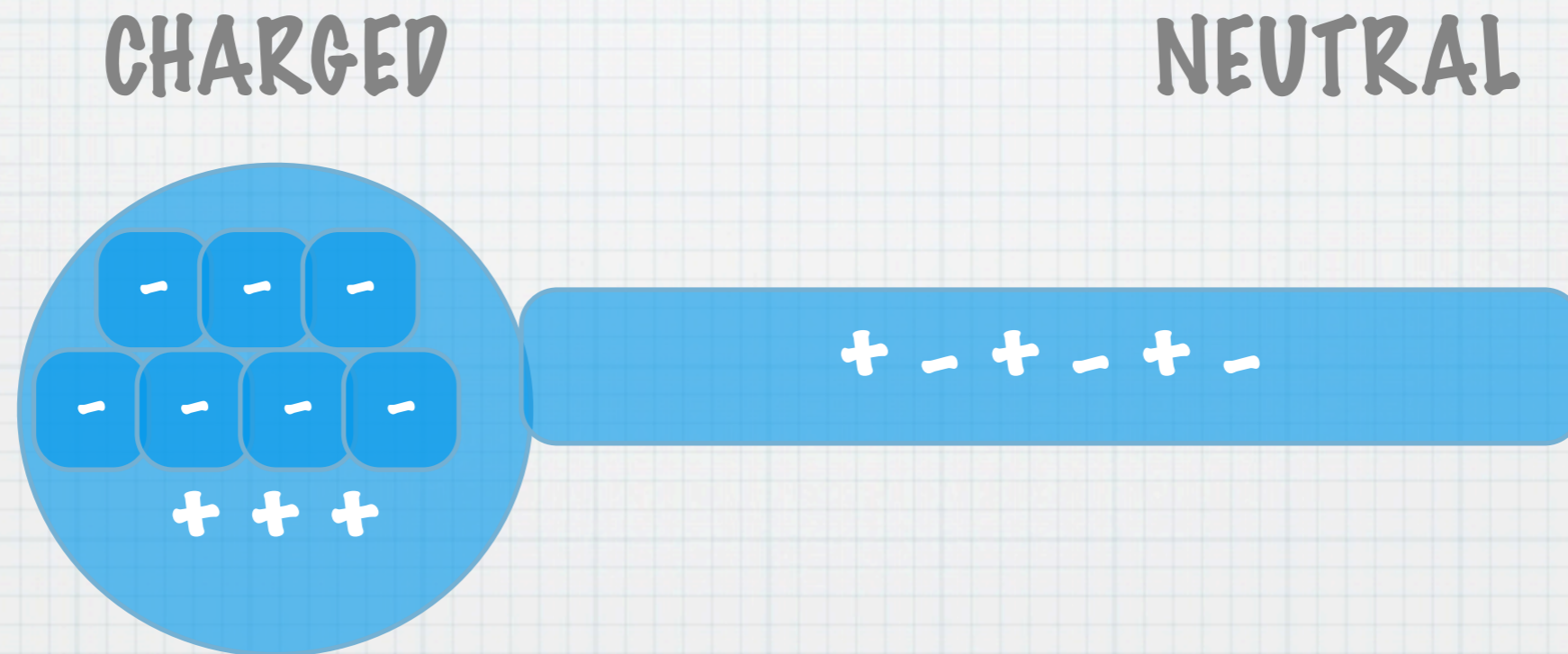


NEUTRAL



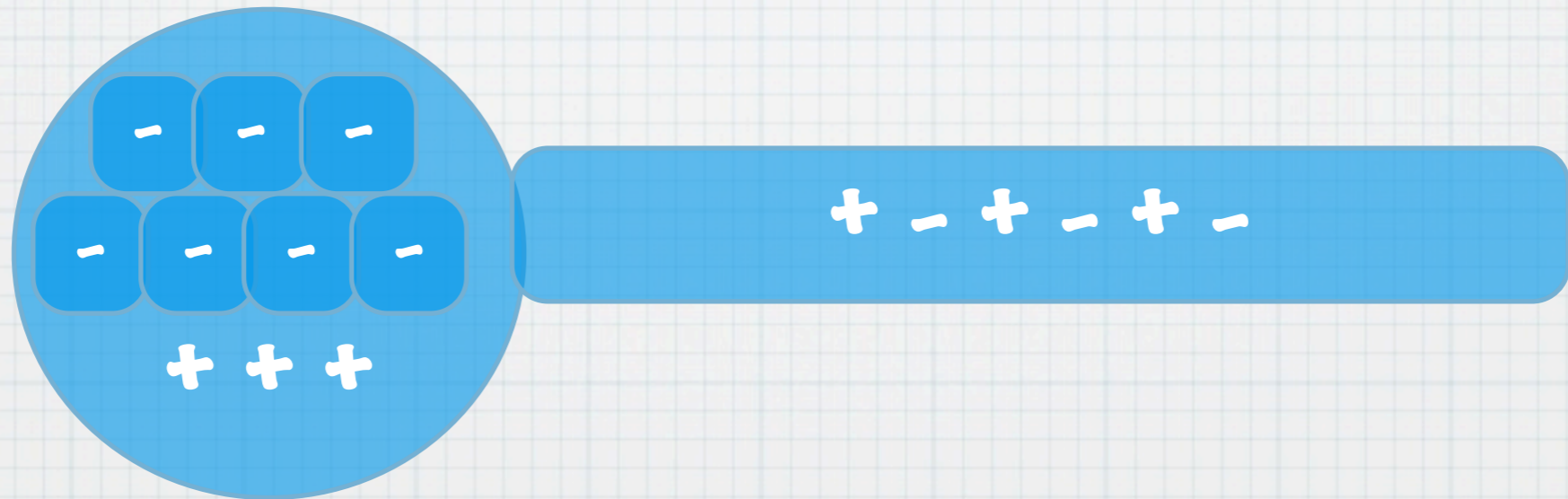
Charging by Conduction

- * Two objects with different amounts of charge come into contact



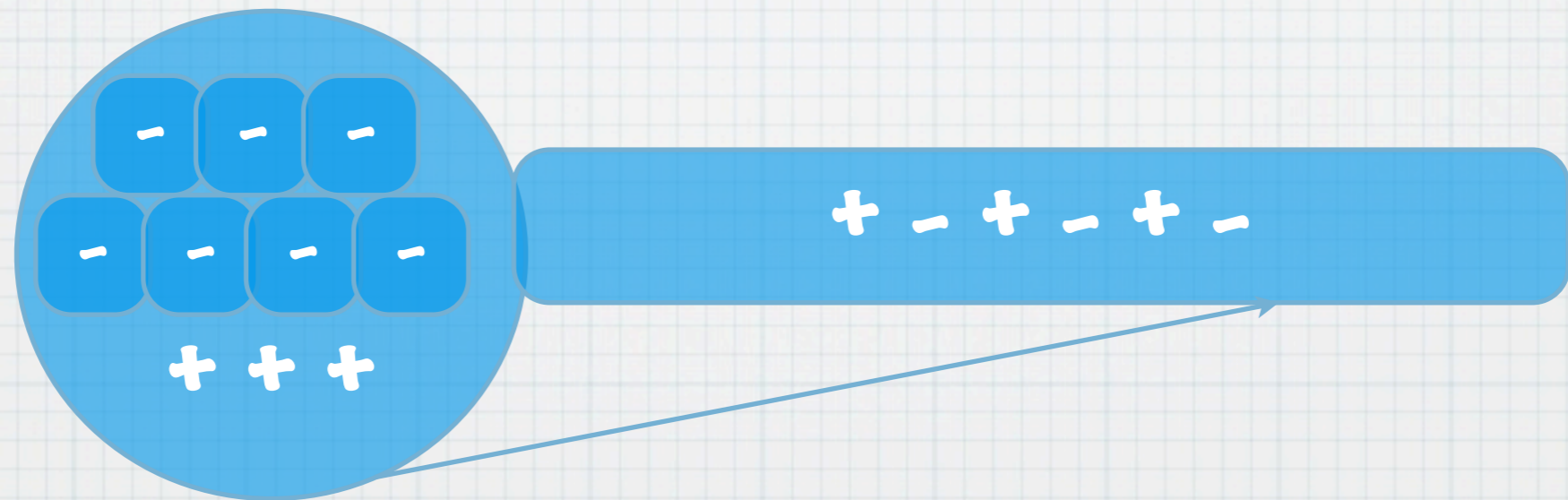
Charging by Conduction

- * Electrons move from one object to another.



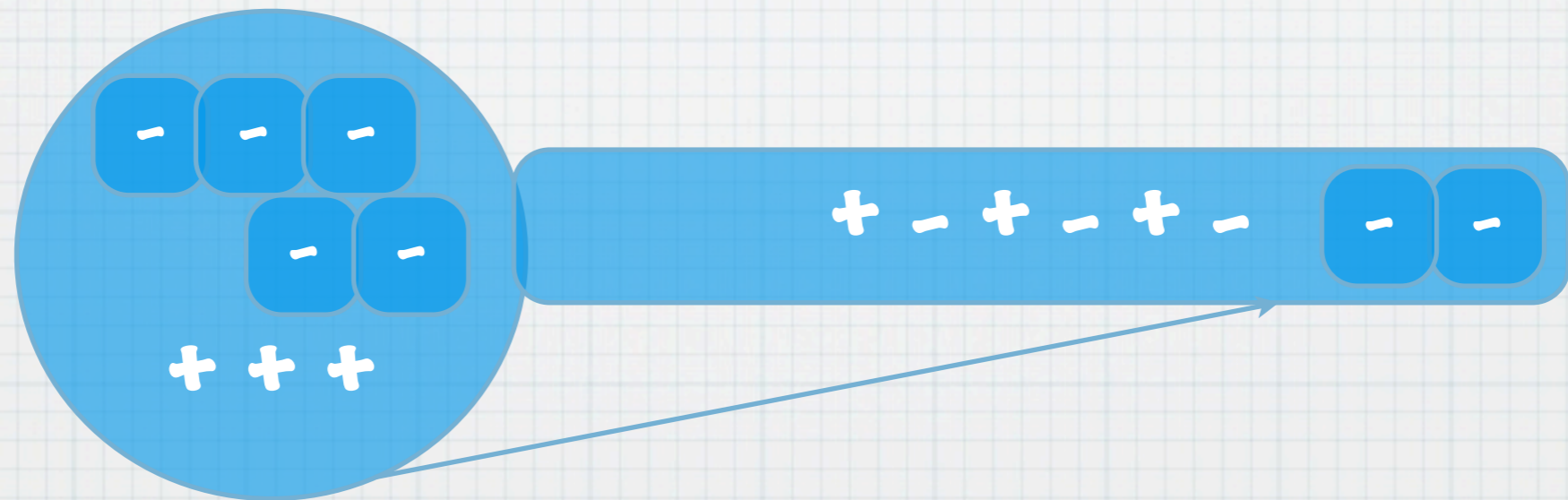
Charging by Conduction

- * Electrons move from one object to another.



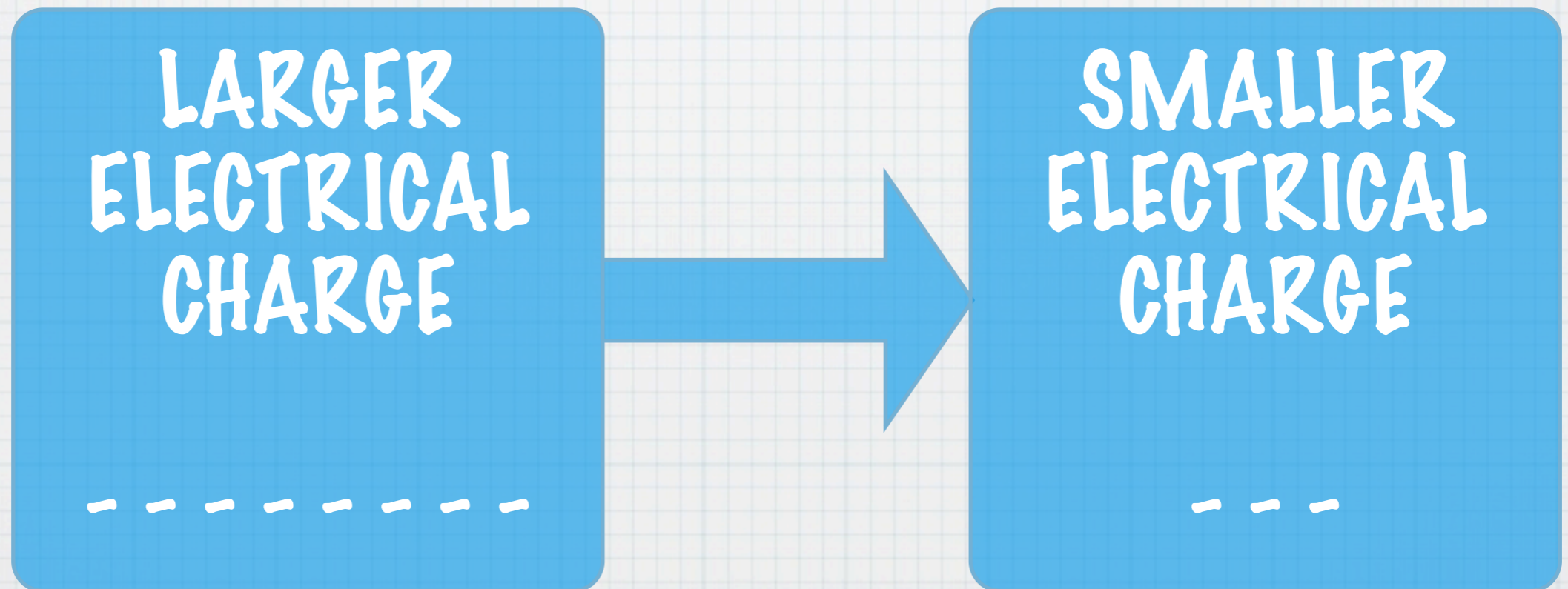
Charging by Conduction

- * Electrons move from one object to another.



Charging by Conduction

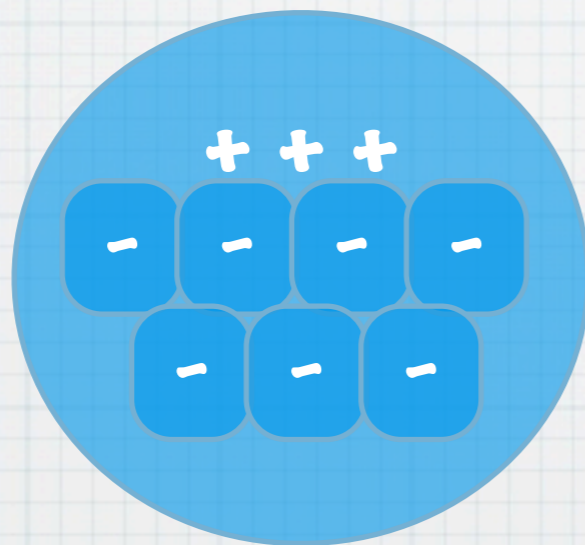
- * Electrons always move from the object with the **LARGER ELECTRICAL CHARGE** to the object with the **SMALLER ELECTRICAL CHARGE**.



Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

BEFORE



Negative
-2

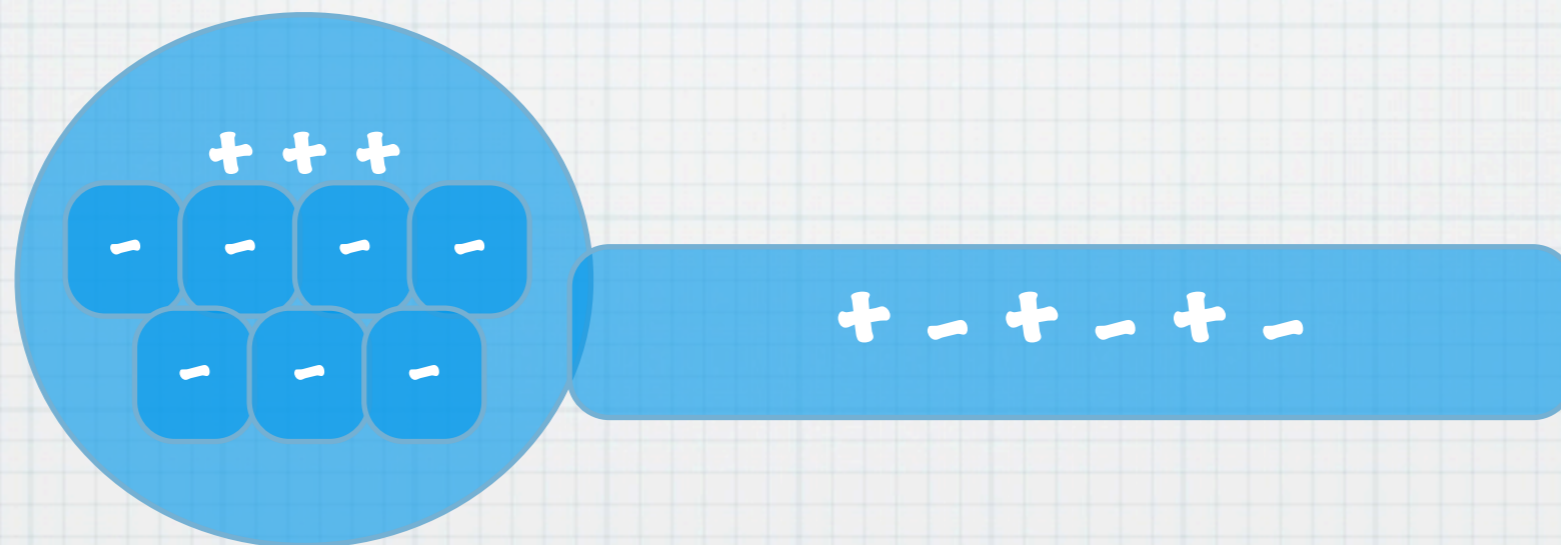


Neutral

Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

BEFORE



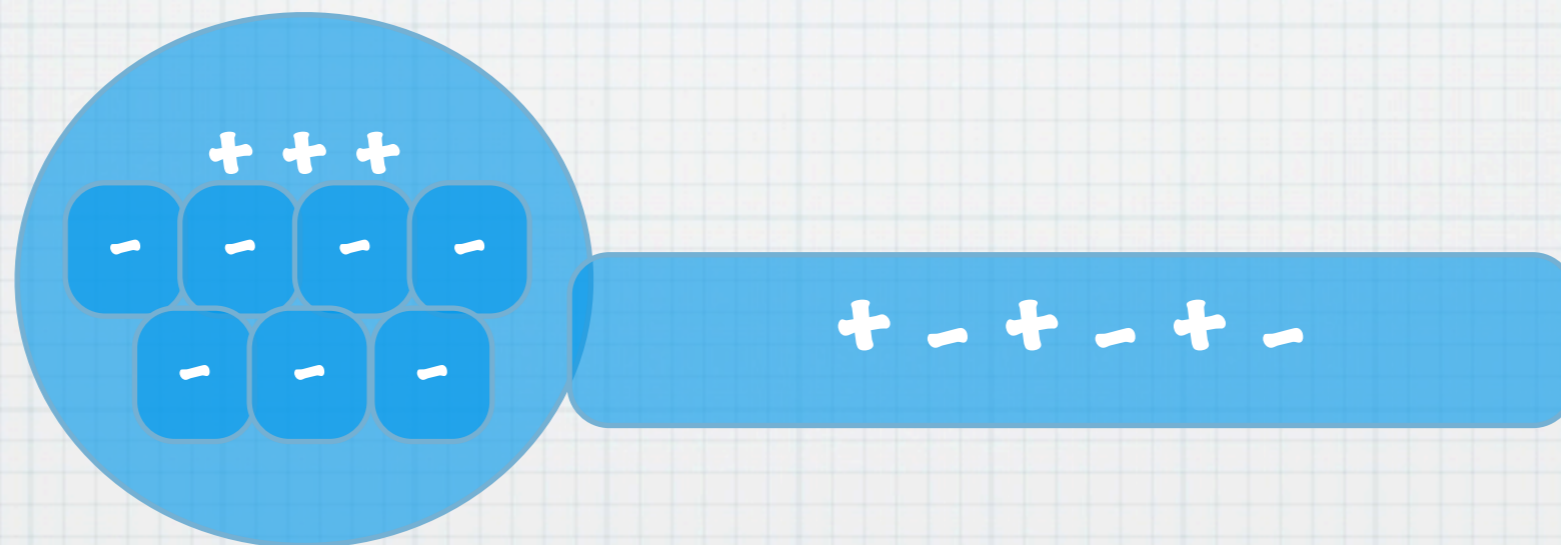
Negative
-2

Neutral

Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

BEFORE



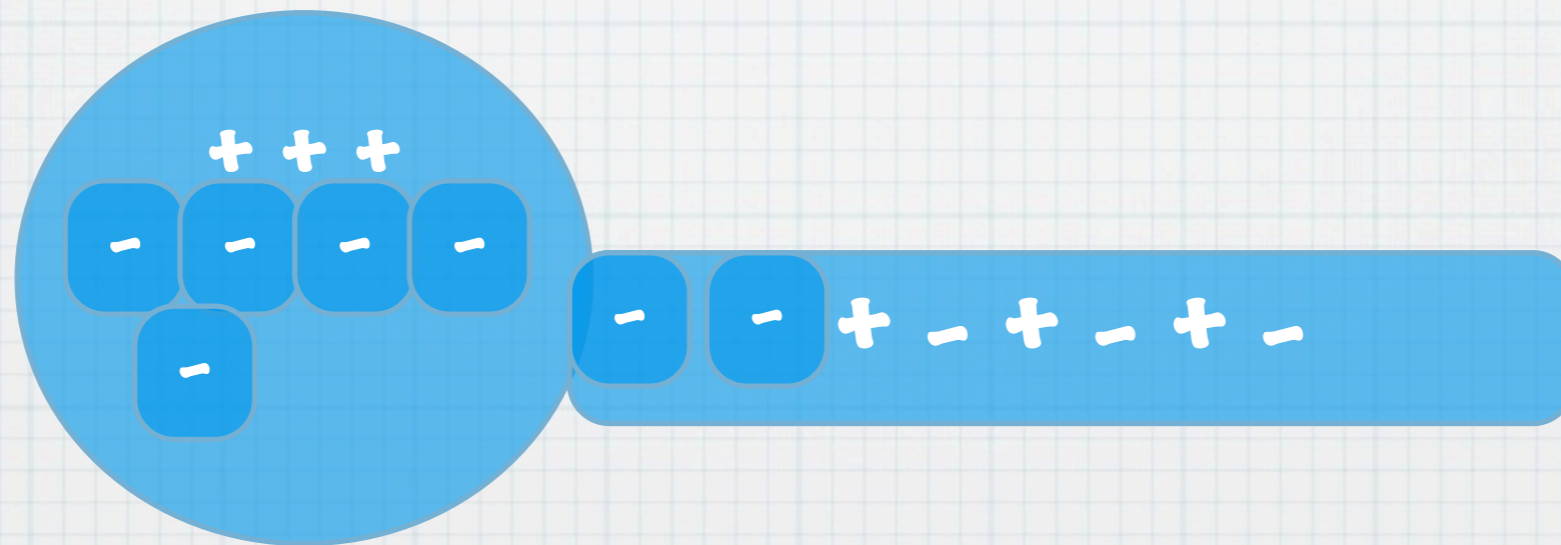
Negative
-4

Neutral

Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

BEFORE



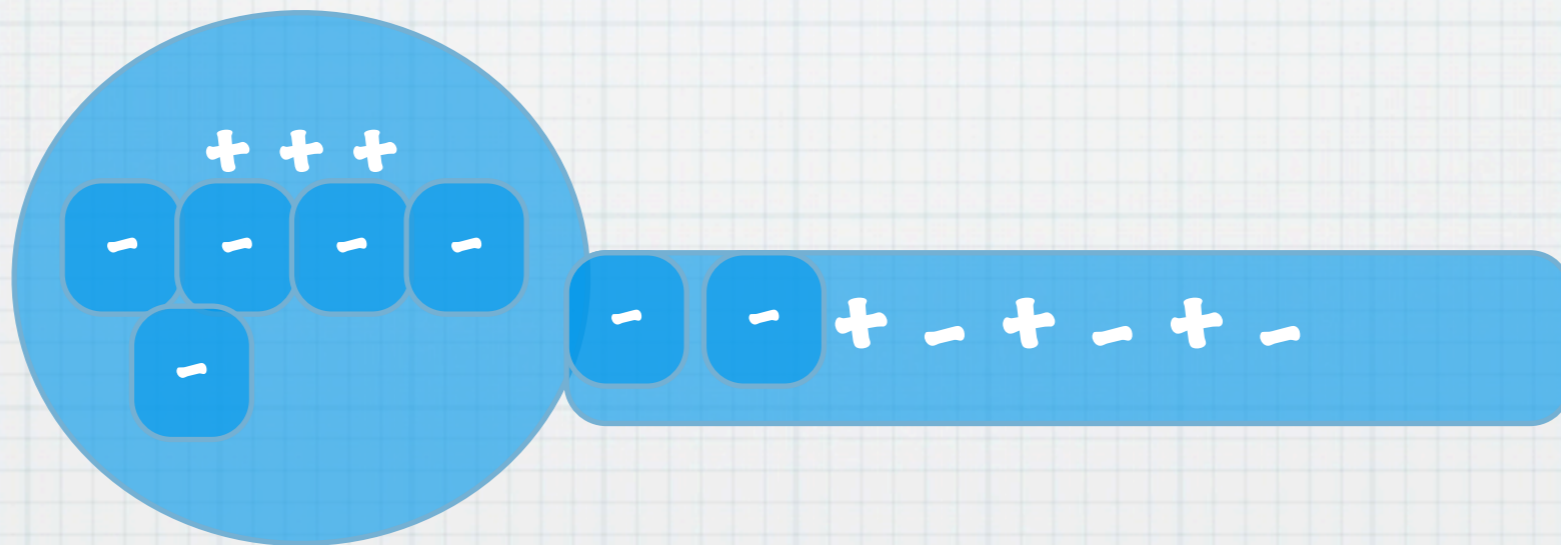
Negative
-4

Neutral

Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

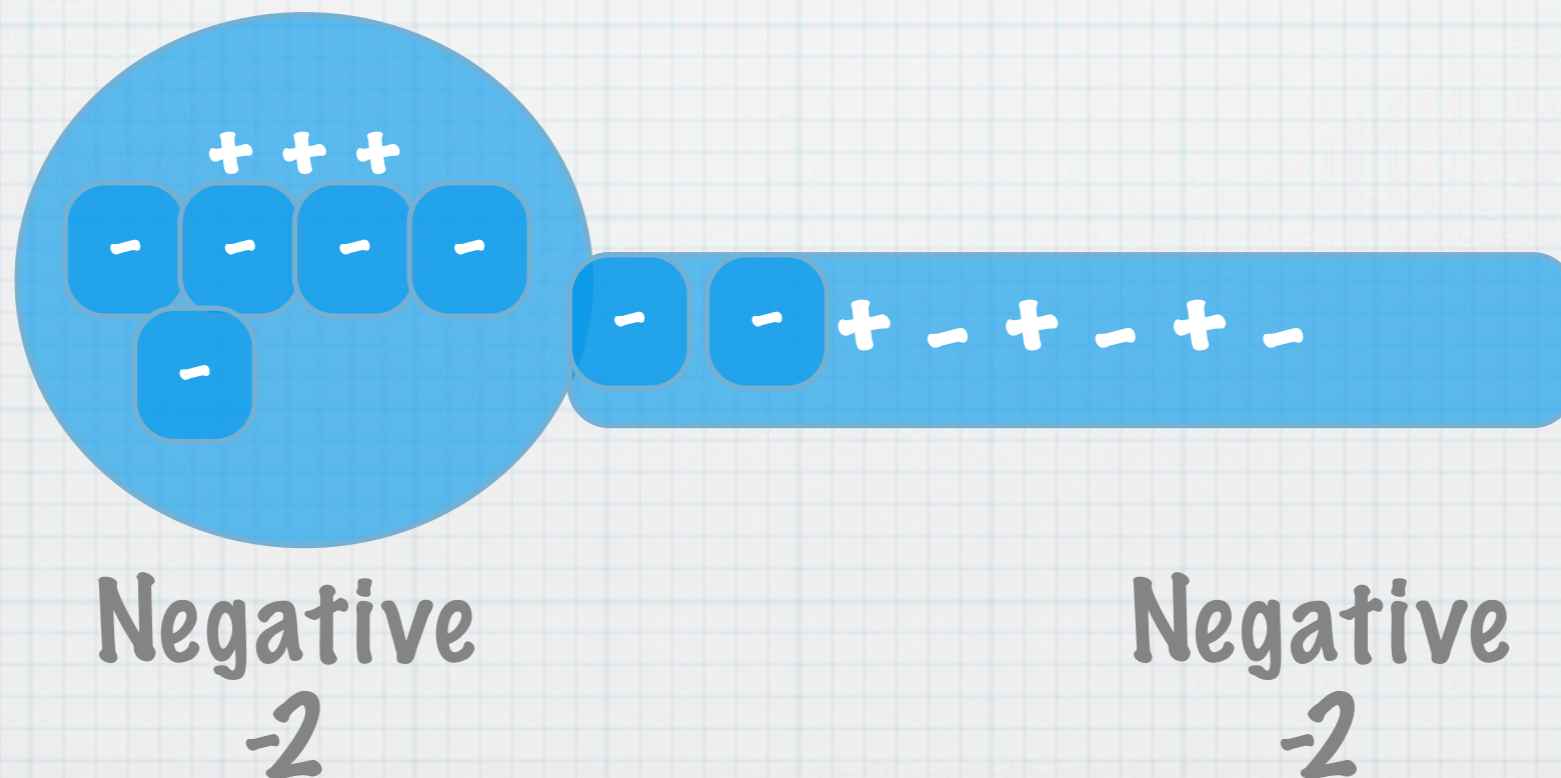
BEFORE



Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

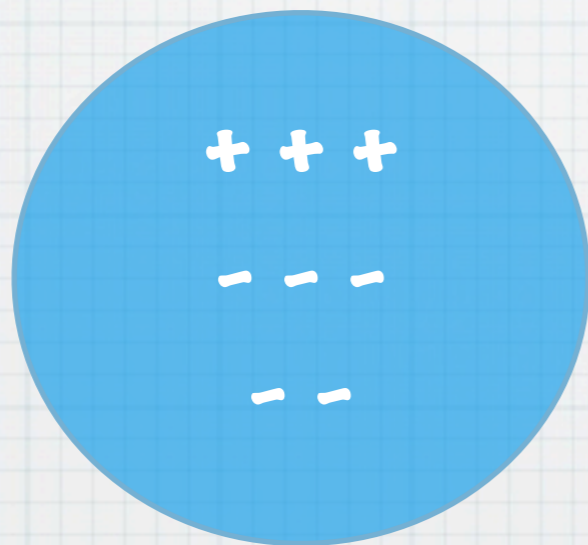
BEFORE



Charging by Conduction

- * After conduction has occurred, both objects will have the same type and amount of charge

AFTER



Negative
-2



Negative
-2

Homework

- * Read and review 11.2 (p 472-476)
- * Make a note on GROUNDING (p. 475)
- * Answer Questions #1,3,6 on page 477
- * Read page 468 "Attraction of Neutral Objects to Charged Objects)
- * Make a note