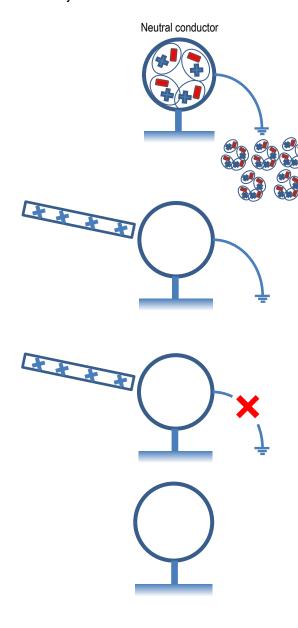
CONCEPT: CHARGING BY INDUCTION

- INDUCTION charges object WITHOUT touching, CONDUCTION charges object WITH touching.
 - Object is left with a NET CHARGE.



Steps for CHARGING BY INDUCTION

- 1. Connect neutral conductor to ground
 - Ground = _____ and ____ of charges
 - Sources (receive | give), sinks (receive | give)
- 2. Bring + charged rod near conductor → pulls charges:

[INTO / FROM] ground

[INTO / FROM] conductor

- If rod was charged, the opposite would happen.
- 3. Cut connection between ground and conductor

 \rightarrow _____ escape of charges!

- 4. Remove charged rod
 - Conductor is now _____