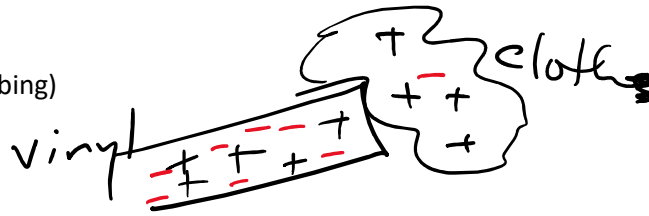


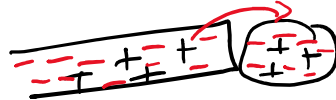
Science 9 – Chapter 9.2 and 9.3

Charging by:

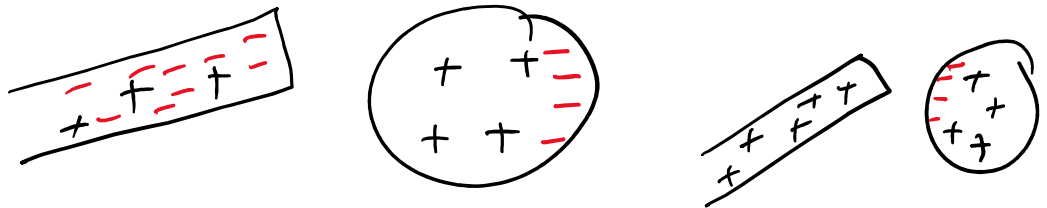
- Friction (rubbing)



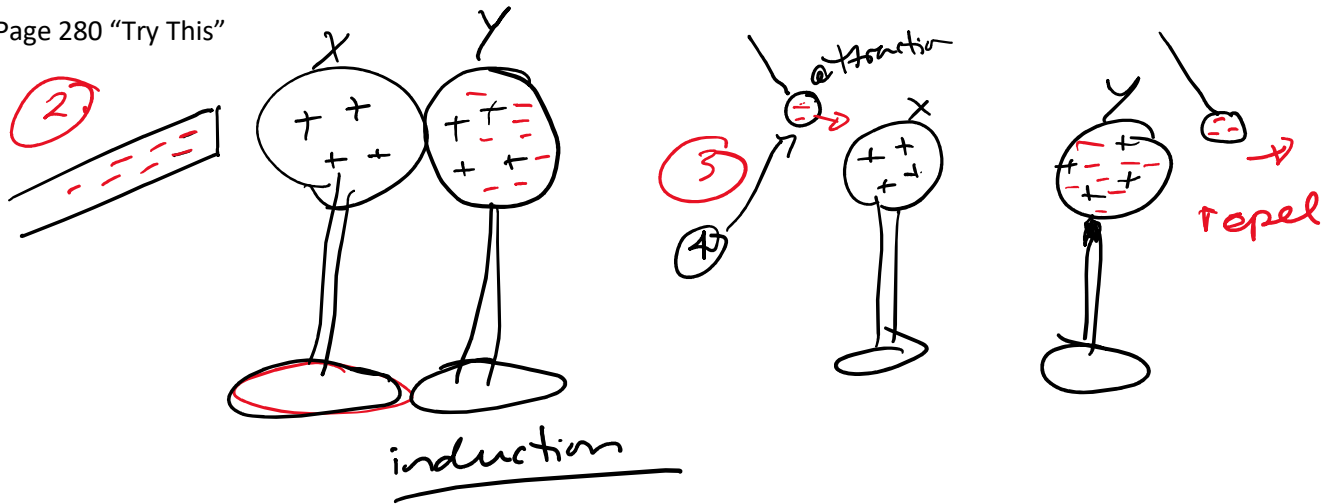
- Conduction (touching a charged object to a neutral object to transfer charge)



- Induction (no contact – but, charge separation by bringing a charged object near a neutral object)



Page 280 "Try This"

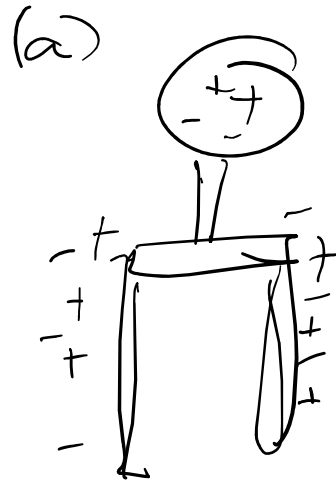
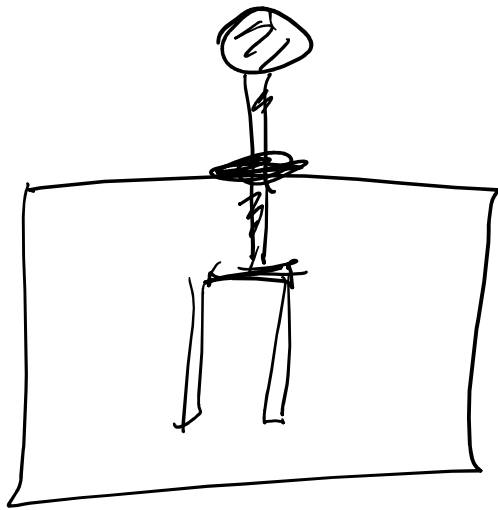


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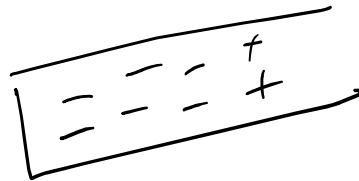
insulators do not allow charge to flow

conductors do allow charge to flow (all metals are conductors)

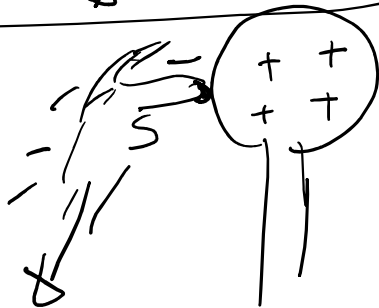
Metal Leaf Electroscope



(b)



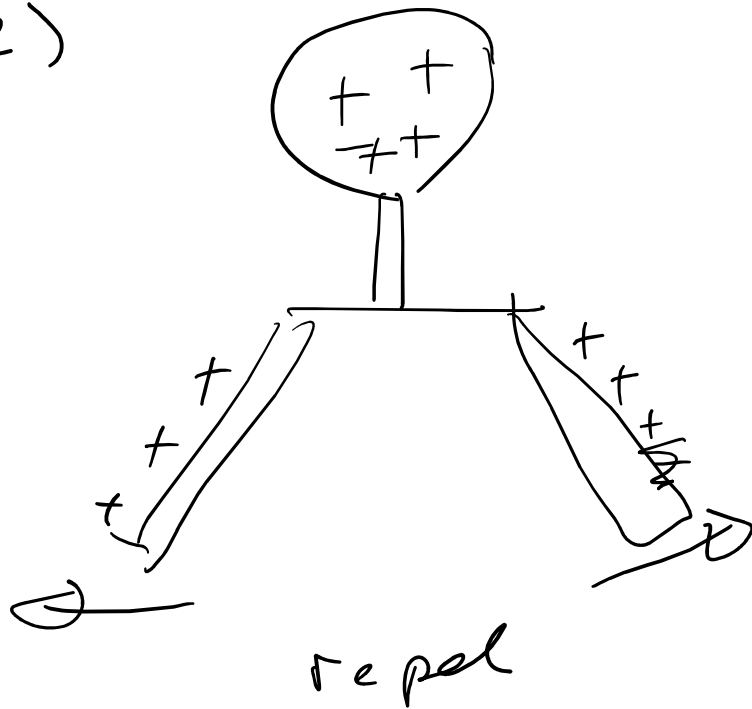
(c)
electrons
go to
ground



(d)



~~(a)~~ (e)



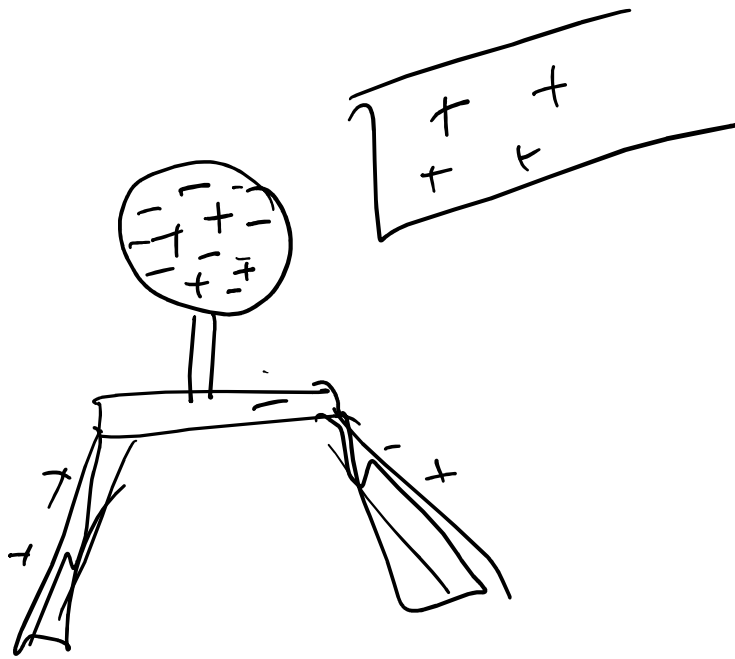
Pg 159 (handout)

(a) neutral

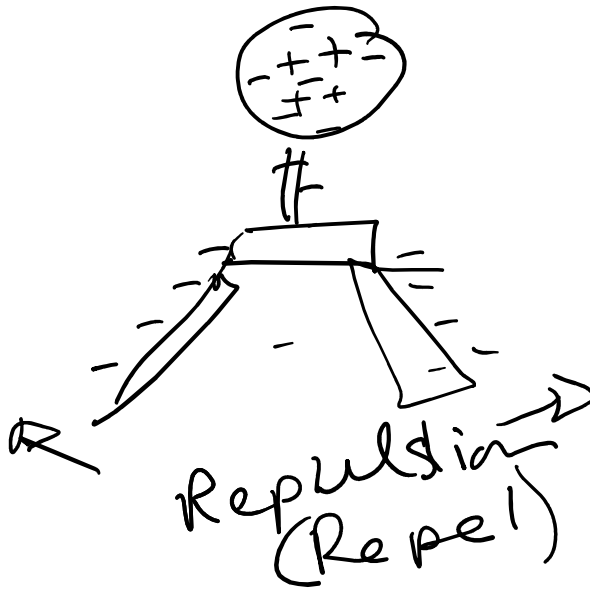
(b)



(d)



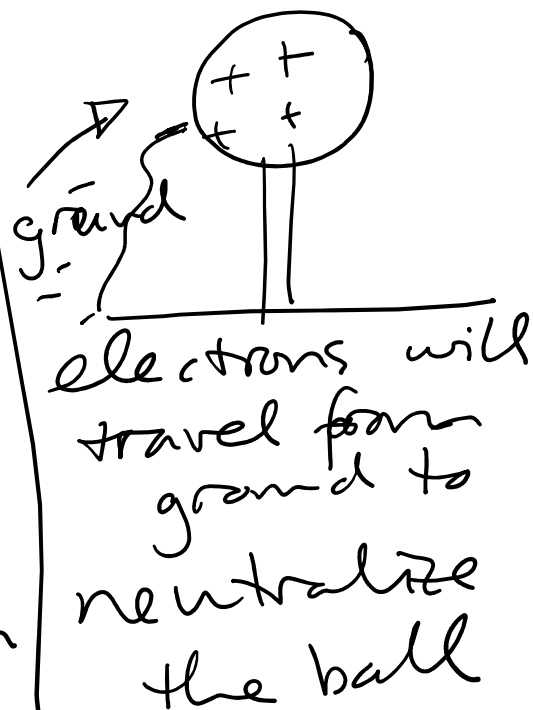
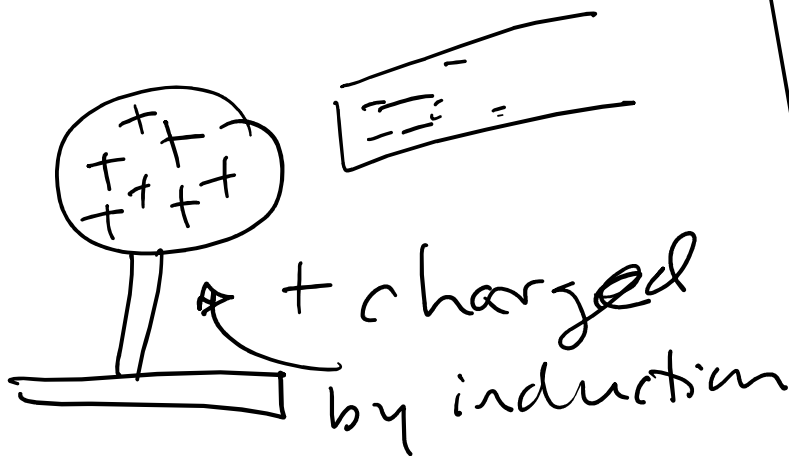
(e)





(2)(a) remove ground wire first before removing the negative vinyl

(2)(b) remove the vinyl first



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