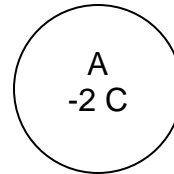
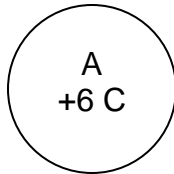
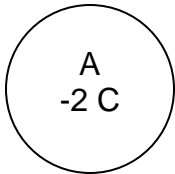


Regents Physics

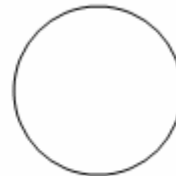
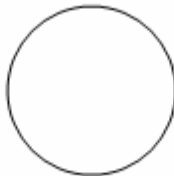
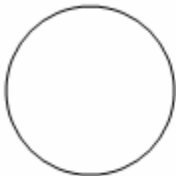
Electric Force and Charge Demo

Demo #1: The Transfer of Charge

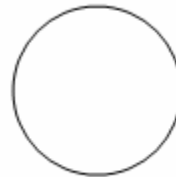
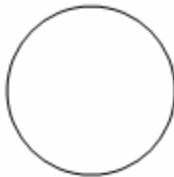
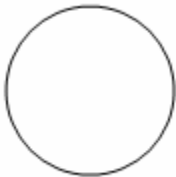
Before transfer



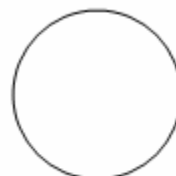
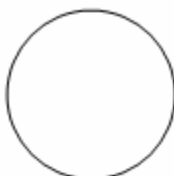
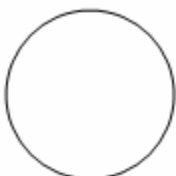
Transfer #1: Sphere A touches Sphere B



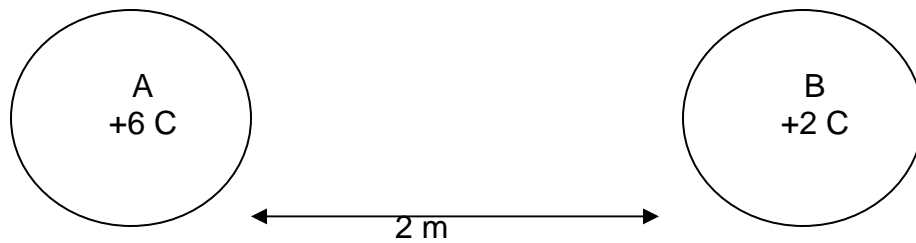
Transfer #2: Sphere B then Touches Sphere C



Finally C touches A



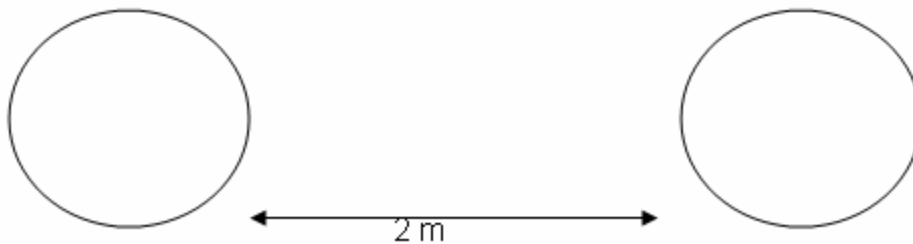
Demo #2



Calculate the force on each sphere at this distance

Move to 1 m apart and calculate the new force

Sphere A touches Sphere B and returns back to 2 m



Calculate the new charge on each sphere

Calculate the new force present on each sphere

