

1. Charge, like mass, and momentum is a conserved quantity. So, suppose you have two conductors which are the same size, one with a charge of +8 C and the other with a charge -2 C and bring them into contact. (A) What will be the charge the system? (B) What will be the charge on ONE of the conductors.
2. Do not forget about polarization.
3. Absolutely know Coulomb's law
4. Absolutely know $E = F/q$