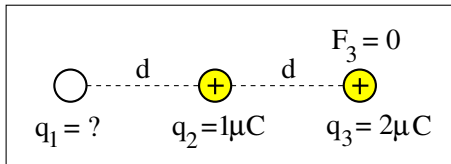


Coulomb Force in One Dimension (4)



Three charged particles are positioned along a straight line with two equal spacings .

The net Coulomb force on charge q_3 happens to vanish.



What is the value of q_1 ?