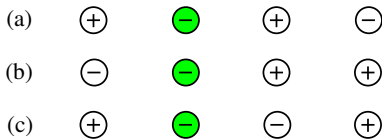




Four point charges equal magnitude are lined up in three different configurations.  
The Coulomb force between nearest neighbors is 4N.



Find direction and magnitude of the net force experienced by the green particle in each configuration.