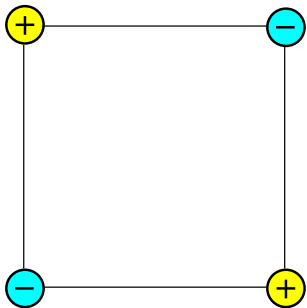


Coulomb Force in Two Dimensions (4)



Point charges of equal magnitude are positioned at the corners of a square.



- Copy this configuration and indicate by arrows the direction of the resultant force on each point charge.
- If the force between nearest-neighbor charges is 1N, what is the strength of the resultant force on each charge?