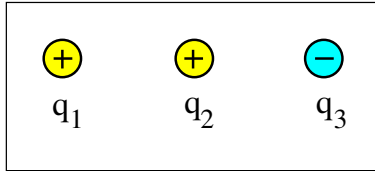




Three particles with charges of magnitude 1C are positioned on a straight line with two equal spacings.



(a) Find the direction (left/right) of the net forces $\vec{F}_1, \vec{F}_2, \vec{F}_3$ on each particle.

(b) Which force is the strongest and which force is the weakest?