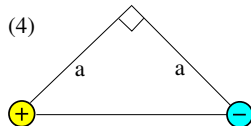
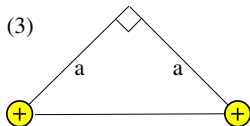
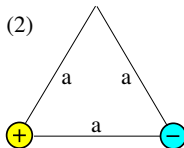
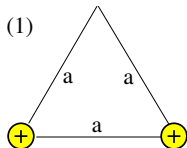


Electric Field of Point Charges in Plane (4)



Consider four triangles with point charges of equal magnitude at two of the three corners.



(a) Determine the direction of the electric field \vec{E}_i at the third corner of triangle (i).

(b) Rank the fields E_i according to strength.