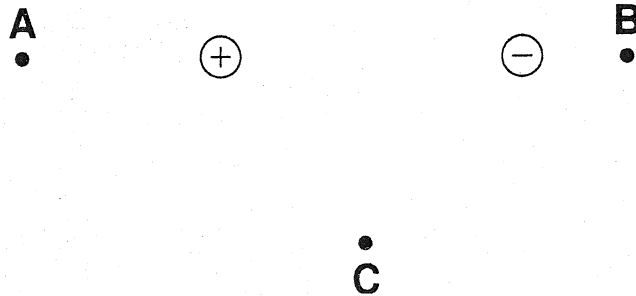


3. Suppose two charges, equal in size but opposite in sign, are arranged as shown. Draw arrows representing the direction of the electric field at points A , B , and C . At which of these points is the magnitude of the electric field the largest?



4. Four charges of equal magnitude are placed at the corners of a square, as shown in two different diagrams below. For each diagram, find the direction of the electric field at point A , which is halfway between two of the charges. Show the direction with an arrow. (One arrow only: there can be only one field direction!)

