

## Electric Potential and Potential Energy: Application (9)



Consider four point charges of equal magnitude positioned at the corners of a square as shown. Answer the following questions for points  $A$ ,  $B$ ,  $C$ .

- (1) Which point is at the highest electric potential?
- (2) Which point is at the lowest electric potential?
- (3) At which point is the electric field the strongest?
- (4) At which point is the electric field the weakest?

