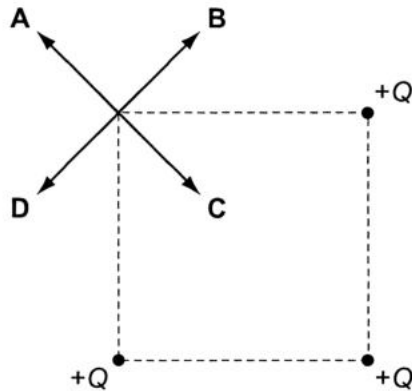


**25** The diagram shows point charges, each of magnitude  $Q$ , placed at three corners of a square.

What is the direction of the resultant electric field at the fourth corner?



**26** The diagram shows a battery connected in series with a resistor  $R$ .