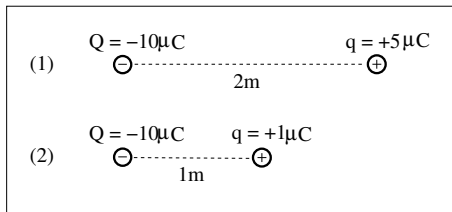


Electric Potential and Potential Energy: Application (4)



A positive point charge q is positioned in the electric field of a negative point charge Q .



- (a) In which configuration is the charge q positioned in the stronger electric field?
- (b) In which configuration does the charge q experience the stronger force?
- (c) In which configuration is the charge q positioned at the higher electric potential?
- (d) In which configuration does the charge q have the higher potential energy?