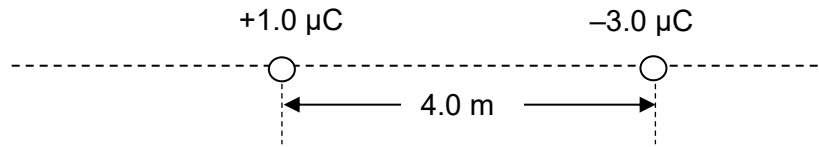


- 19** Two charges of magnitudes  $+1.0\ \mu\text{C}$  and  $-3.0\ \mu\text{C}$  are separated by a distance of  $4.0\ \text{m}$  as shown.



At which position along the line joining the two charges is the net electric field strength zero?

- A**  $1.5\ \text{m}$  to the left of the positive charge
- B**  $5.5\ \text{m}$  to the left of the positive charge
- C**  $1.5\ \text{m}$  to the right of the negative charge
- D**  $5.5\ \text{m}$  to the right of the negative charge

