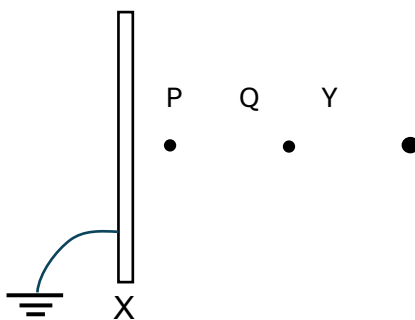


- 21 The diagram shows a point charge situated at Y in front of an earthed metal sheet X. Two points P and Q are situated between X and Y and have electric field strengths  $E_P$  and  $E_Q$  respectively.



Which of the following expressions is correct?

- A**  $E_P = 0$
- B**  $E_Q = 0$
- C**  $E_Q > E_P$
- D**  $E_P > E_Q$