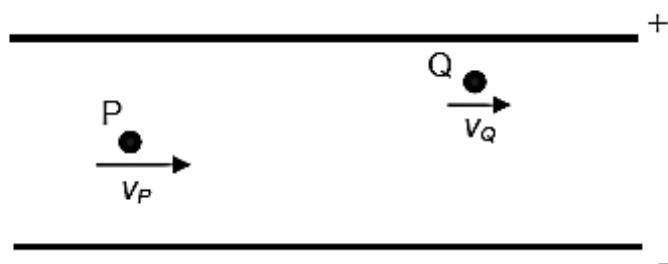


- 20 The figure below shows two electrons P and Q, moving between two parallel charged plates with different velocities V_P and V_Q respectively.



If V_P is greater than V_Q , which of the following correctly compares the potential energies and accelerations of P and Q?

	potential energy	acceleration
A	greater for P	equal for both
B	greater for P	greater for Q
C	greater for Q	equal for both
D	greater for Q	greater for P