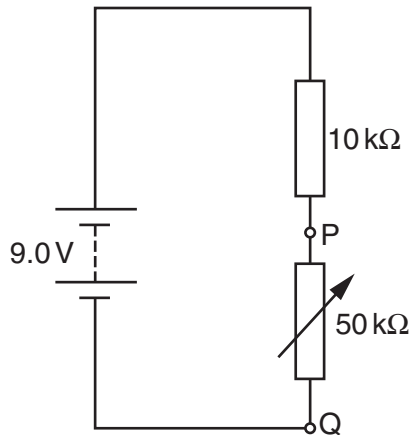


- 34** The diagram shows a potential divider connected to a 9.0 V supply of negligible internal resistance.



What range of voltages can be obtained between P and Q?

- A** zero to 1.5 V
- B** zero to 7.5 V
- C** 1.5 V to 7.5 V
- D** 1.5 V to 9.0 V

- 35** An electric field exists in the space between two charged metal plates