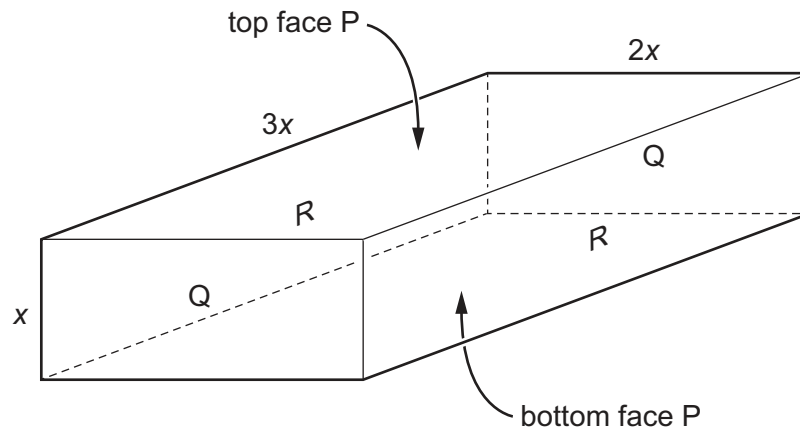


35 The diagram shows a rectangular block with dimensions x , $2x$ and $3x$.



Electrical contact can be made to the block between opposite pairs of faces (for example, between the faces labelled R).

Which statement describing the electrical resistance of the block is correct?

- A** It is maximum between the faces labelled P.
- B** It is maximum between the faces labelled Q.
- C** It is maximum between the faces labelled R.
- D** It is the same, whichever pair of faces is used.