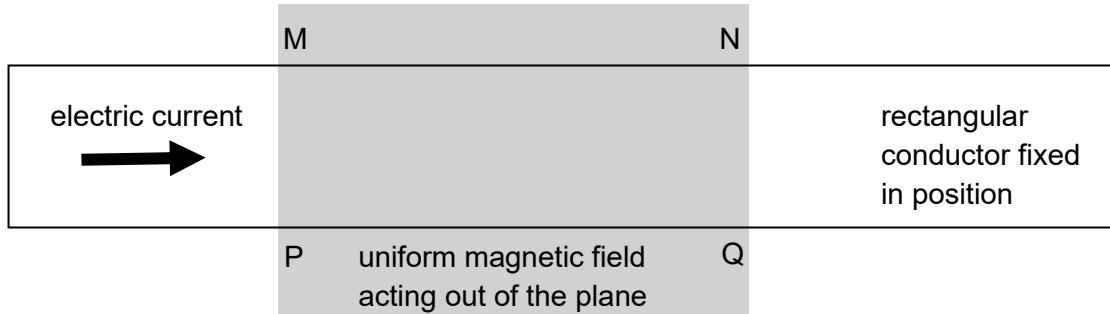


- 23 MN and PQ are the upper and the lower sides of a rectangular conductor, respectively. An electric current is passed through the conductor, which is fixed in position, and placed in a uniform magnetic field pointing out of the plane of the paper as shown. This results in a potential difference between MN and PQ.



The current may be due to the flow of either positive or negative charge carriers.

Which side, MN or PQ, in each case, is at a higher potential?

	positive charge carriers	negative charge carriers
A	MN	MN
B	MN	PQ
C	PQ	MN
D	PQ	PQ