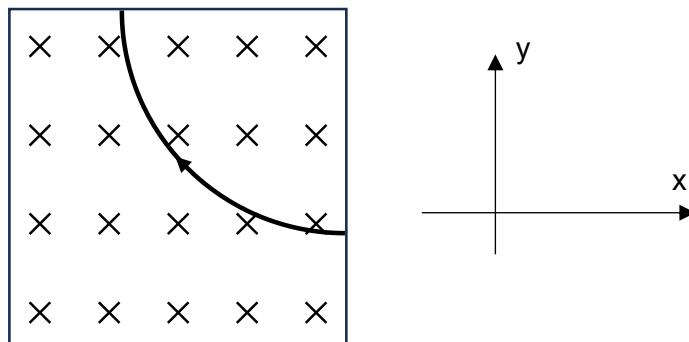


- 24** A particle travels through a region of uniform magnetic field in a circular path as shown. The magnetic field is directed into the plane of the page.



What is the sign of charge of the particle and the direction electric field to be applied in the same region, for it to pass through with no deflection?

	sign of charge	direction of electric field
A	positive	+y
B	positive	-y
C	negative	+y
D	negative	-y

