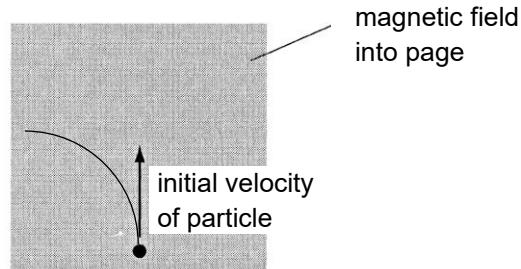


- 23 At one instant, a charged particle carrying  $+q$  is moving with velocity  $v$  towards the top of the page. A magnetic field of strength  $B$  is directed at right angles to its path into the paper.



The particle will describe the arc of a circle of radius  $r$  towards the left.

Which combination of factors will change the direction of the particle to the right?

	$B$	$v$	$q$
A	into paper	towards top of page	negative
B	into paper	towards bottom of page	negative
C	out of paper	towards top of page	negative
D	out of paper	towards bottom of page	positive