Moving Charges in Uniform Magnetic Field—Acceleration¹⁸²

Moving charged particles are released with a velocity (details listed below) at the point P (2 m, 2 m) in a large region of space which has a uniform magnetic field in the +x direction. All these particles have the same mass, and they are released individually into this field.

Rank from greatest to least the magnitude of the initial acceleration of these charged particles as they are released from P.



How sure were you of your ranking? (circle one)									
Basically	Guessed			Sure				Very Sur	e
1	2	3	4	5	6	7	8	9	10

¹⁸² C. Hieggelke

Ranking Task Exercises in Physics