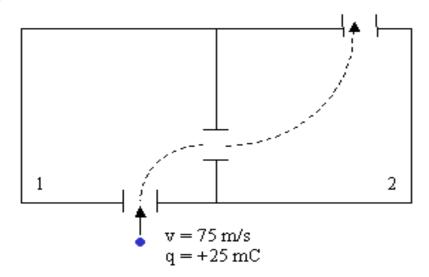
## CheckPoint 8

The drawing below shows the top view of two interconnected chambers. Each chamber has a unique magnetic field. A positively charged particle is fired into chamber 1, and observed to follow the dashed path shown in the figure.



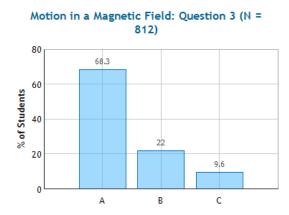
Compare the magnitude of the magnetic field in chamber 1 to the magnitude of the magnetic field in chamber 2

**B.** 
$$|B_1| = |B_2|$$

**C.** |B<sub>1</sub>| < |B<sub>2</sub>|

Observation:  $R_2 > R_1$ 





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