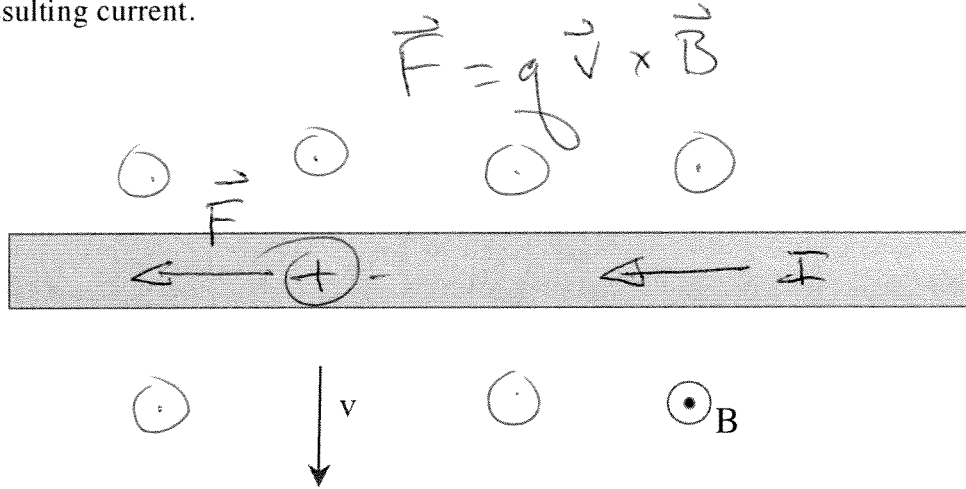


# Physics 161 Quiz – Magnetic Force and Electric Field

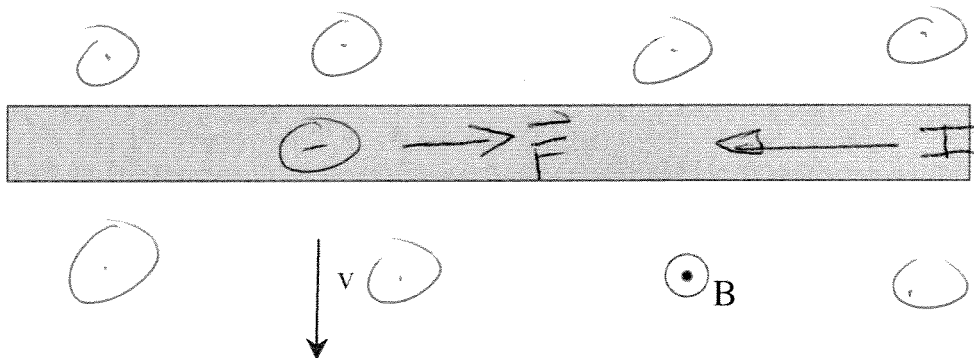
Name KEY  
 Lab Time \_\_\_\_\_

1. [5 PTS] Draw the force on a positive charged particle in a conductor moving in a uniform magnetic field. Indicate the resulting current.



\* current is in the direction of (+) charge movement (or the opposite of (-) charge movement)

2. [5 PTS] Draw the force on a negative charged particle in a conductor moving in a uniform magnetic field. Indicate the resulting current.



\* So current is moving the same direction.