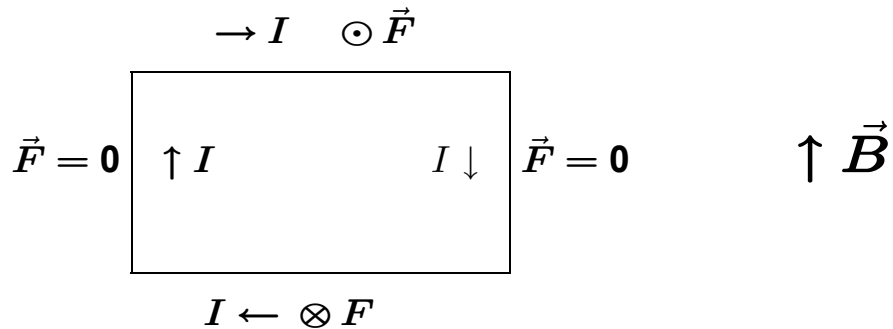


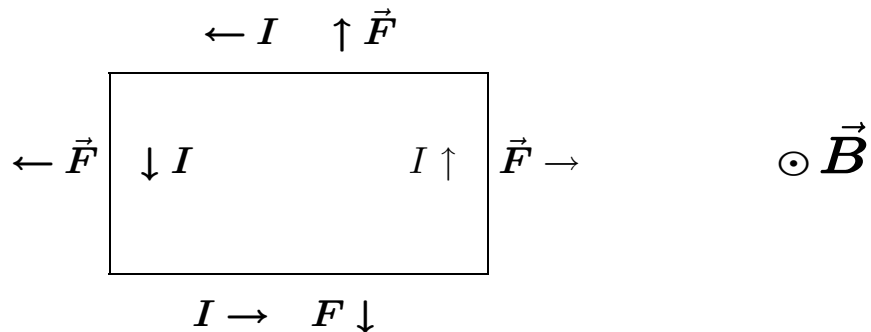
## CLASS EXERCISE #12 - 7 July 2005

On your sheet, draw square or rectangular circuits (like this: ) with the current indicated and a uniform magnetic field shown. Then determine and show the direction of the force ( $\uparrow$ ,  $\downarrow$ ,  $\leftarrow$ ,  $\rightarrow$ ,  $\odot$ ,  $\otimes$  or 0 if no force) on each side of the circuit.

(1) Clockwise current, magnetic field  $\uparrow$



(2) Counterclockwise current, magnetic field  $\odot$



(3) Clockwise current, magnetic field  $\rightarrow$

