

Assume a positive charge is moving through the magnetic field depicted below.

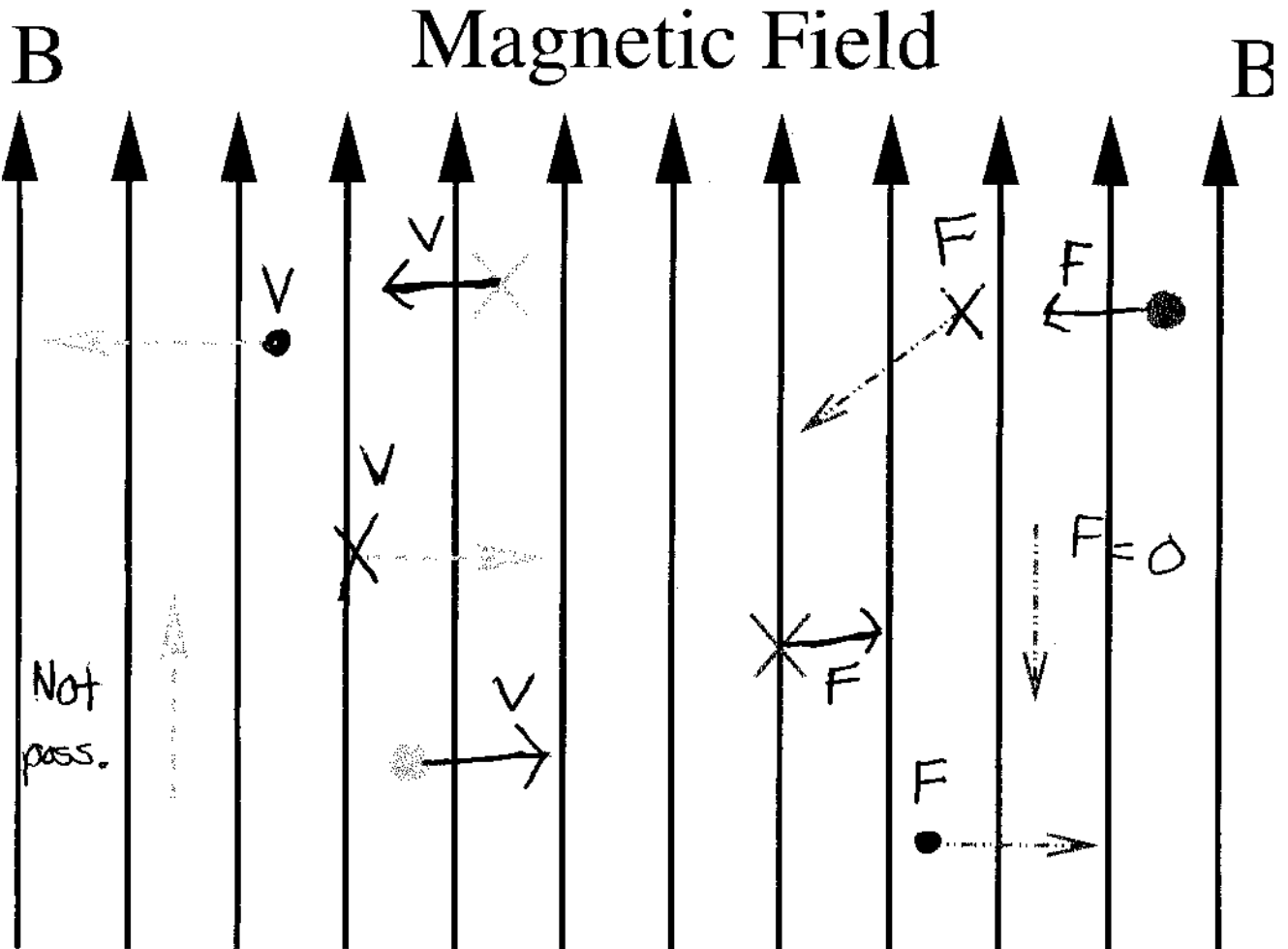
(A) Fill in the 5 missing velocity vectors on the left side of the quiz. The vectors depicted are force vectors.

(B) Fill in the 5 missing force vectors on the right side of the quiz. The vectors depicted are velocity vectors.

Equations

$$\vec{F} = q\vec{v} \times \vec{B}$$

Remember that "X" means into the paper and "O" means out of paper



Force Vectors Here

Velocity Vectors Here

(C) Draw a plausible straight wire carrying current and depict the magnetic field outside of the wire. You may draw this using either perspective.

