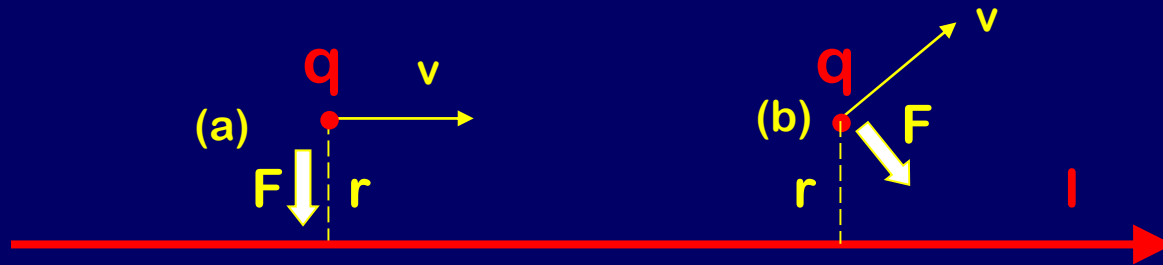




ACT/Preflight 9.6

A long straight wire is carrying current from left to right. Near the wire is a charge q with velocity v



Compare magnitude of magnetic force on q in (a) vs. (b)

- a) has the larger force
- b) has the larger force
- c) force is the same for (a) and (b)