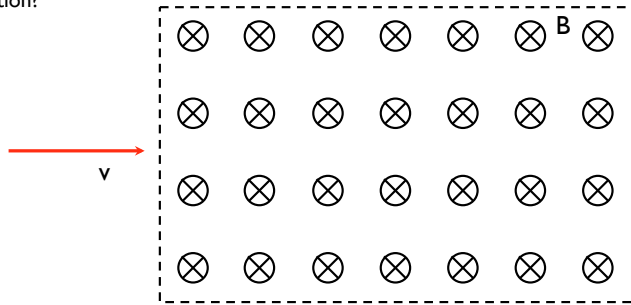


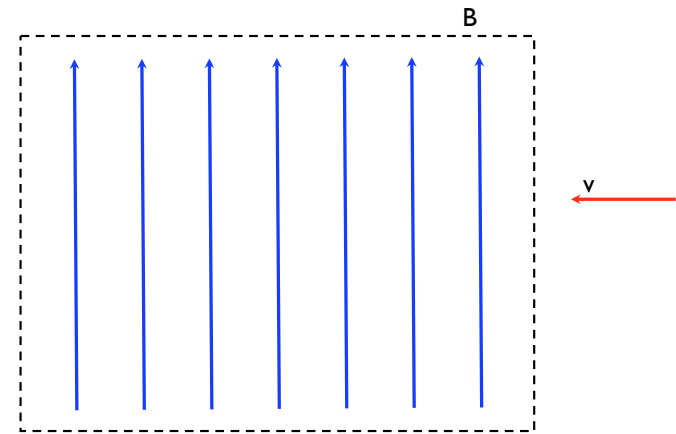
### Problem 19.4a

Deflection direction?



1.)

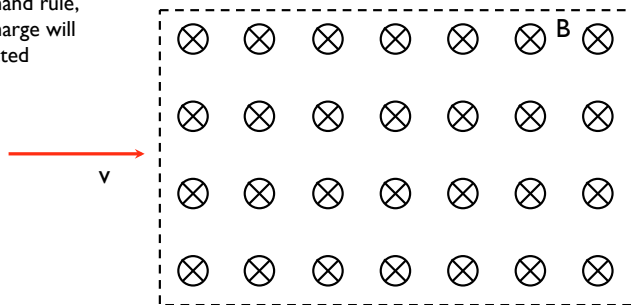
### Problem 19.4a



3.)

### Problem 19.4a

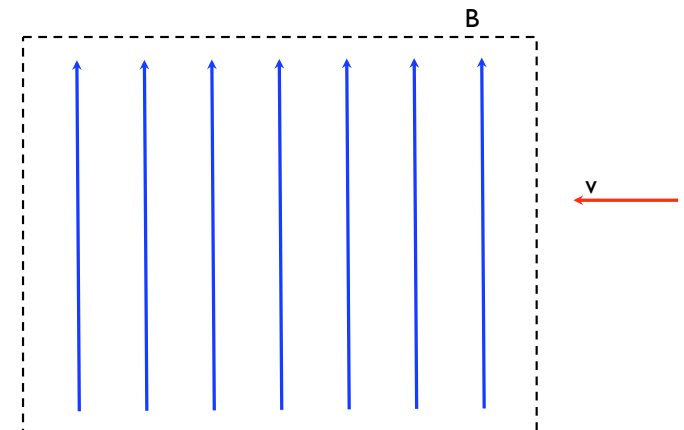
Using the right-hand rule, the POSITIVE charge will initially be deflected upward.



2.)

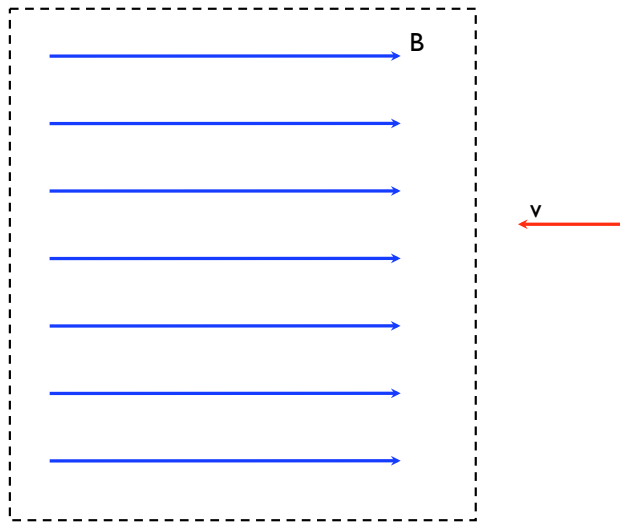
### Problem 19.4a

Using the right-hand rule, the POSITIVE charge will initially be deflected into the page.



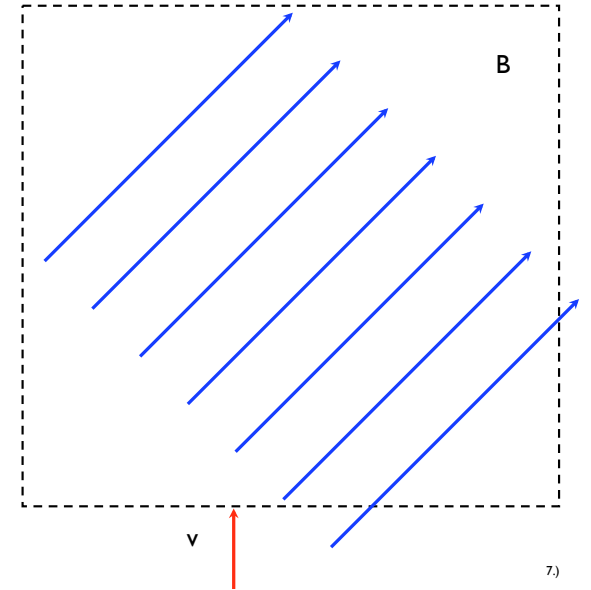
4.)

### Problem 19.4a



5.)

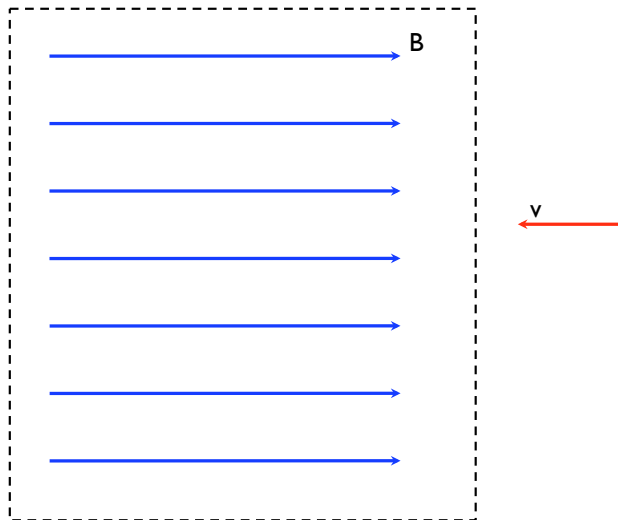
### Problem 19.4a



7.)

### Problem 19.4a

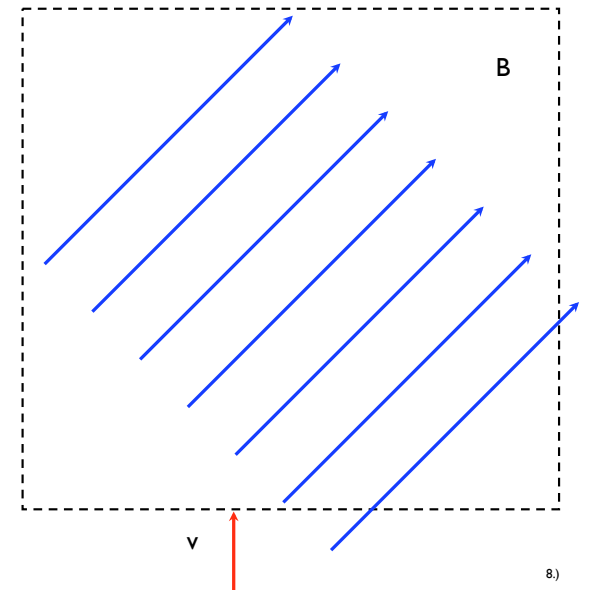
Using the right-hand rule, the POSITIVE charge will initially be deflected IN NO DIRECTION (charges moving along B-field lines will feel no force as B-flds are NOT modified force fields).



6.)

### Problem 19.4a

Using the right-hand rule, the POSITIVE charge will initially be deflected into the page.



8.)