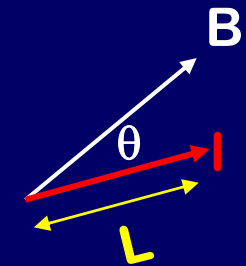
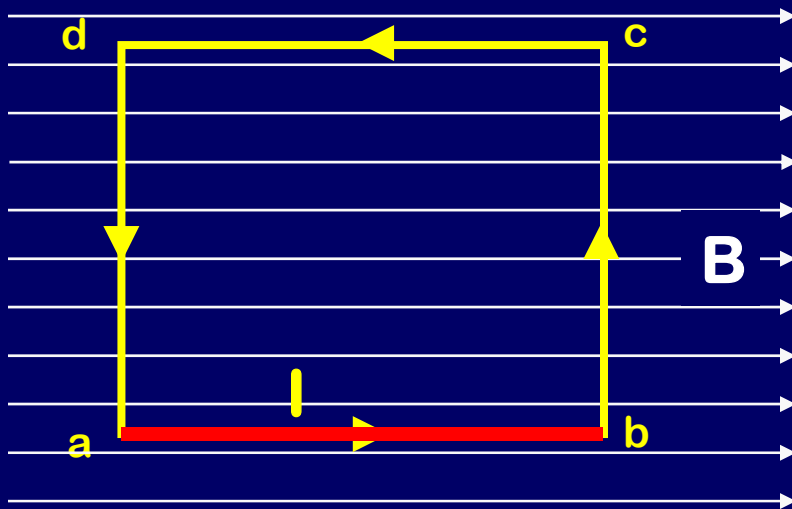


# Preflight 9.1

A rectangular loop of wire is carrying current as shown. There is a uniform magnetic field parallel to the sides a-b and c-d.



$$F = IBL \sin \theta$$

Here  $\theta = 0$

What is the direction of the force on section a-b of the wire?

force is zero  
out of the page  
into the page