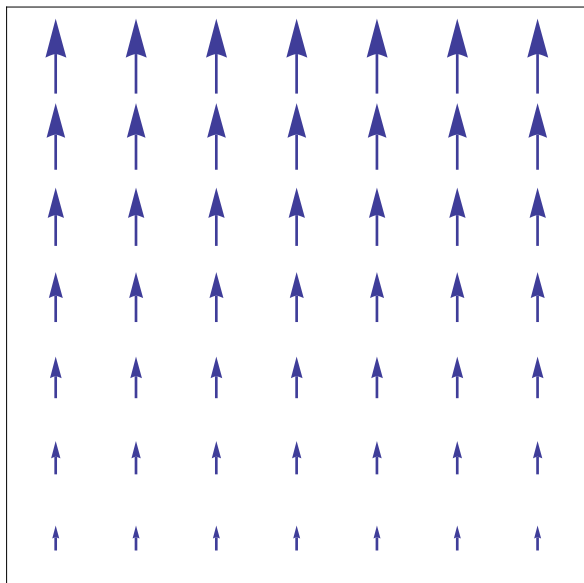


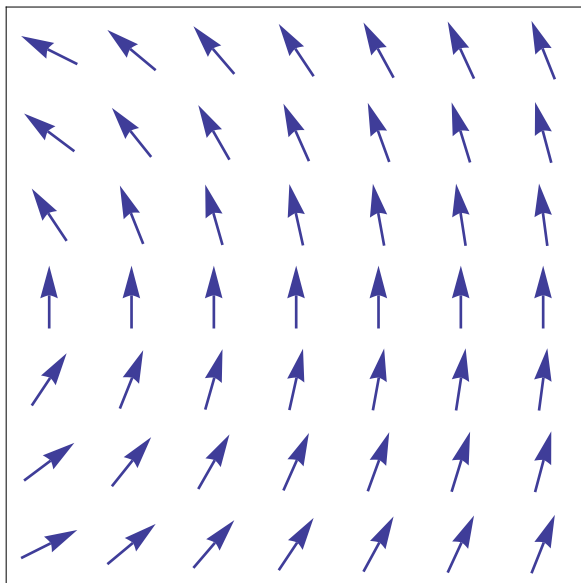
Vector Field Plots

For each of these vector fields \vec{f} , determine the sign (+, -, or 0) of each of the four partial derivatives $\partial f_x/\partial x$, $\partial f_x/\partial y$, $\partial f_y/\partial x$, and $\partial f_y/\partial y$. Then determine the sign of the divergence of \vec{f} , and of the curl of \vec{f} . (In some cases the answers may be different in different regions.)

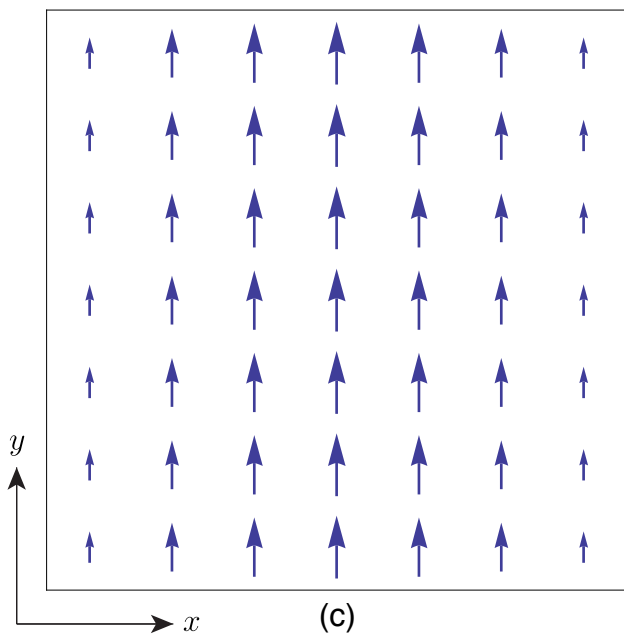
(a)



(b)



(c)



(d)

