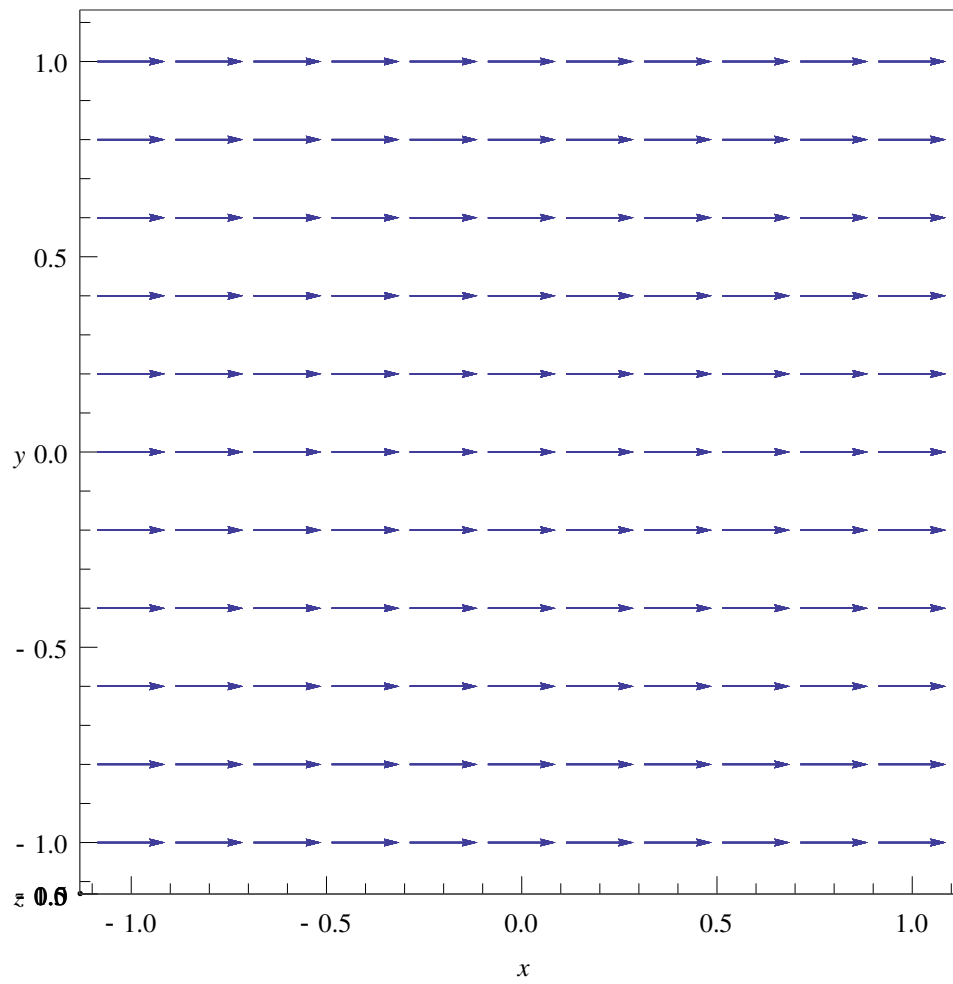
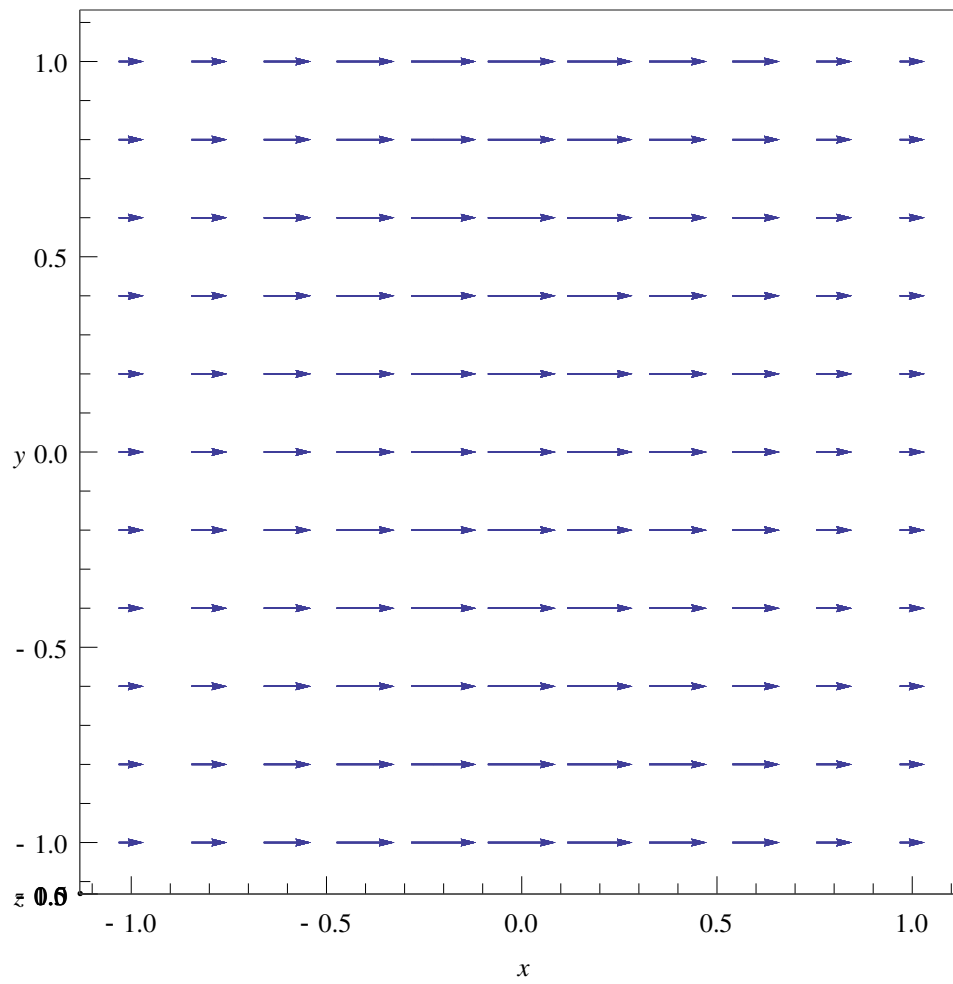
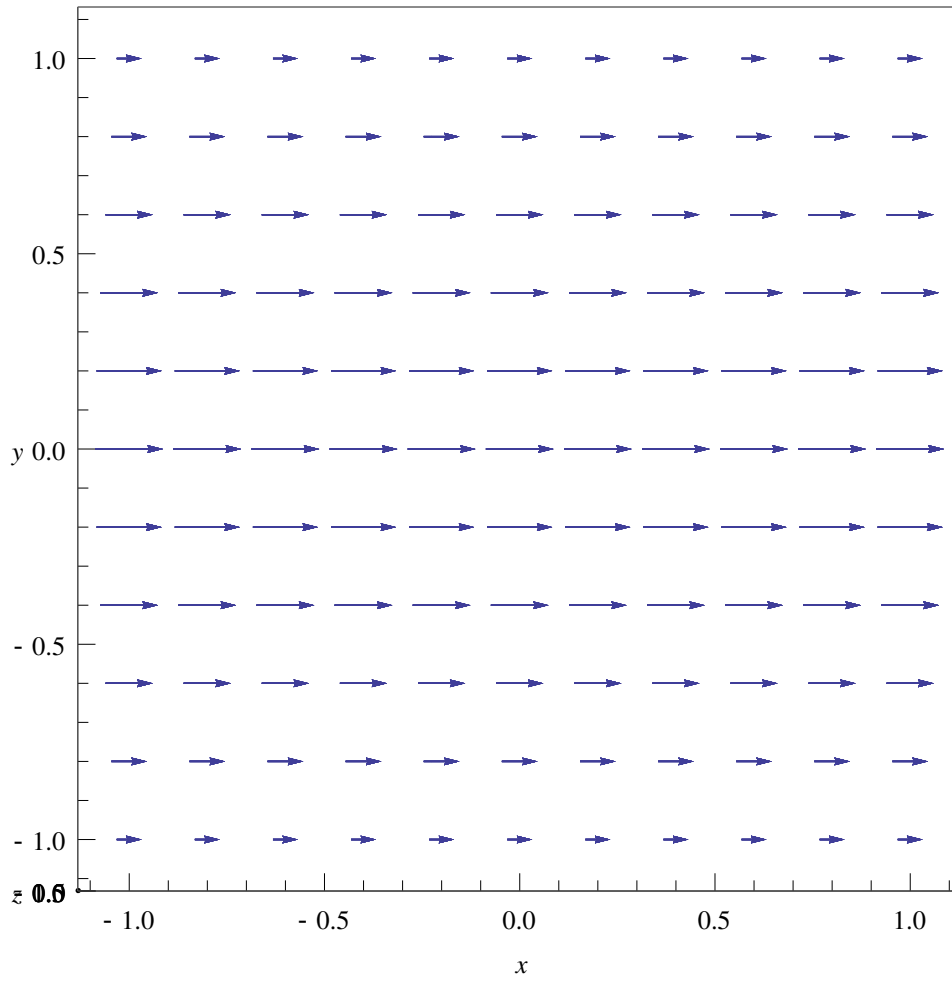


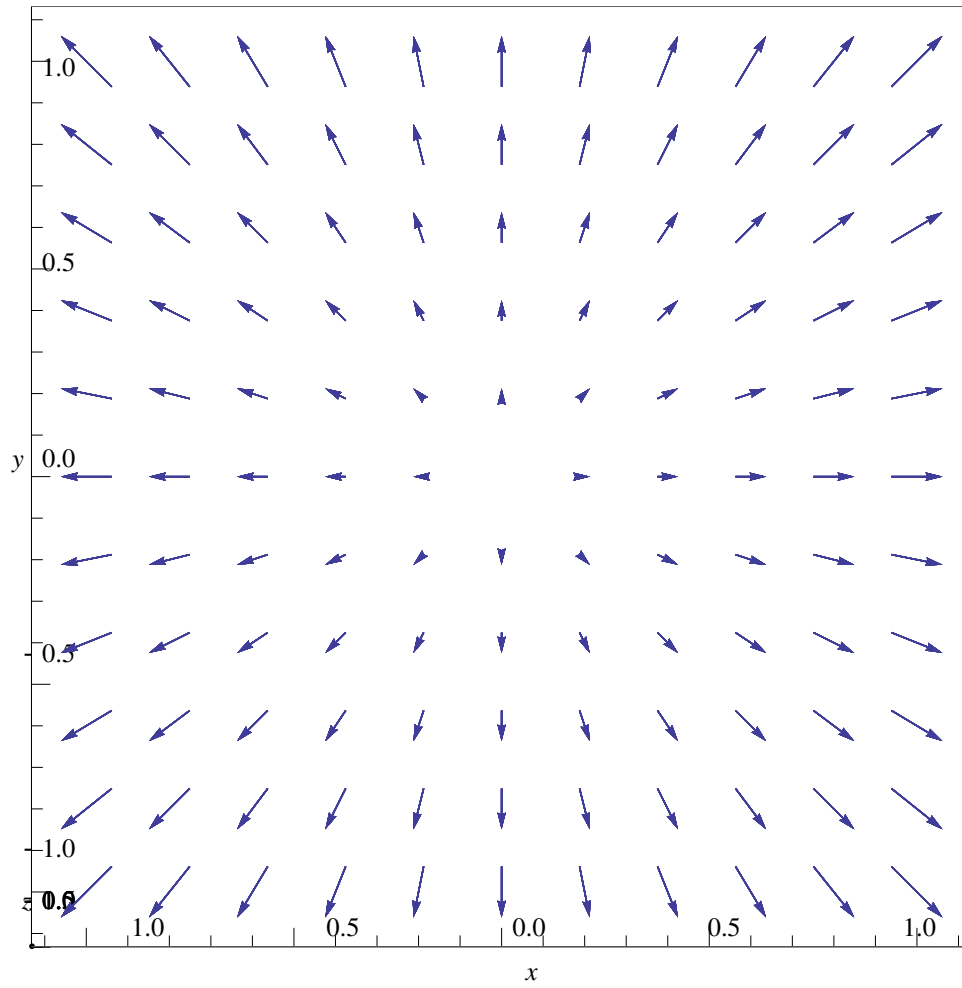
For each of the vector fields below, decide whether the divergence is positive, negative, or zero in each quadrant. Be prepared to defend your answers.


$$F_1$$

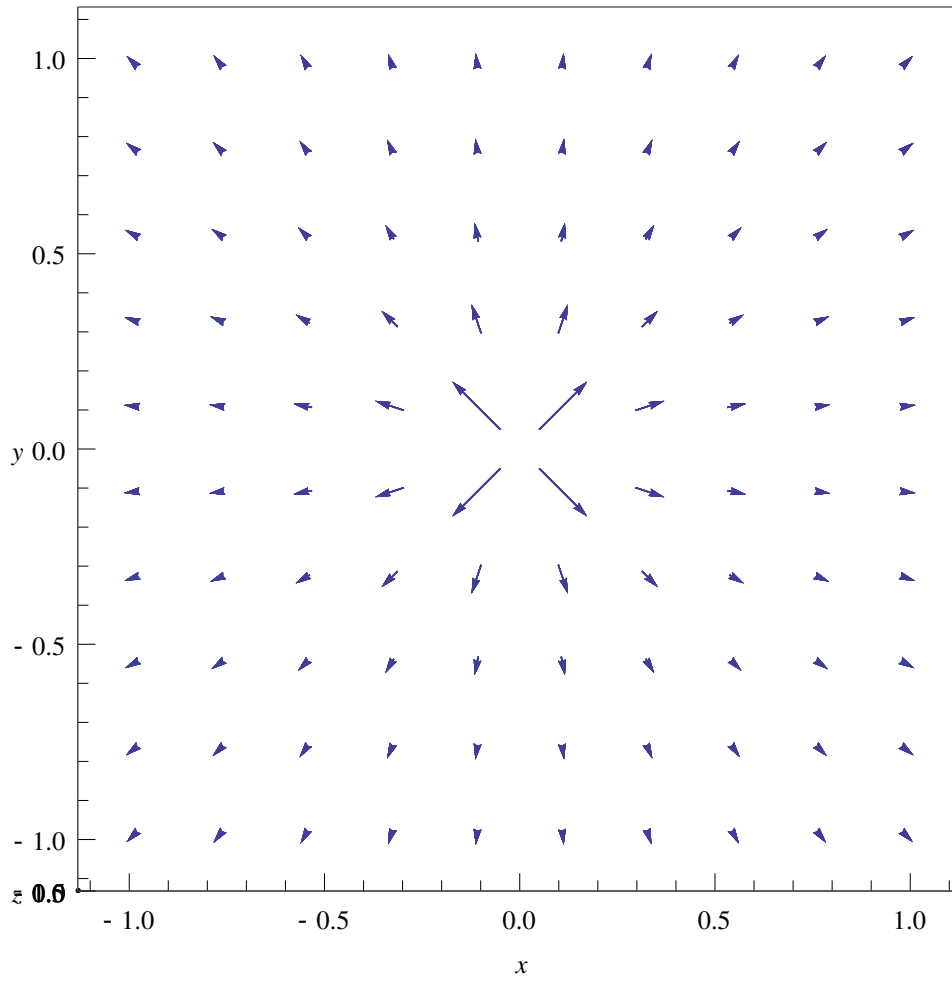

$$F_2$$



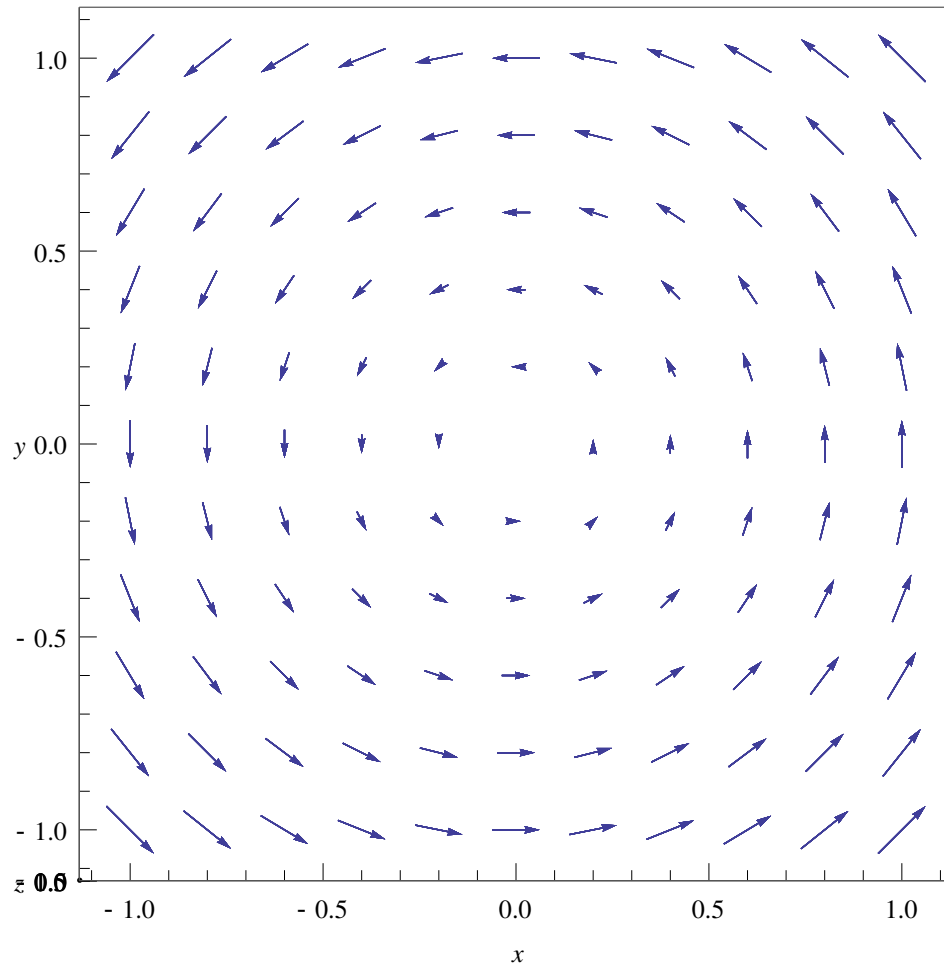
$$F_3$$

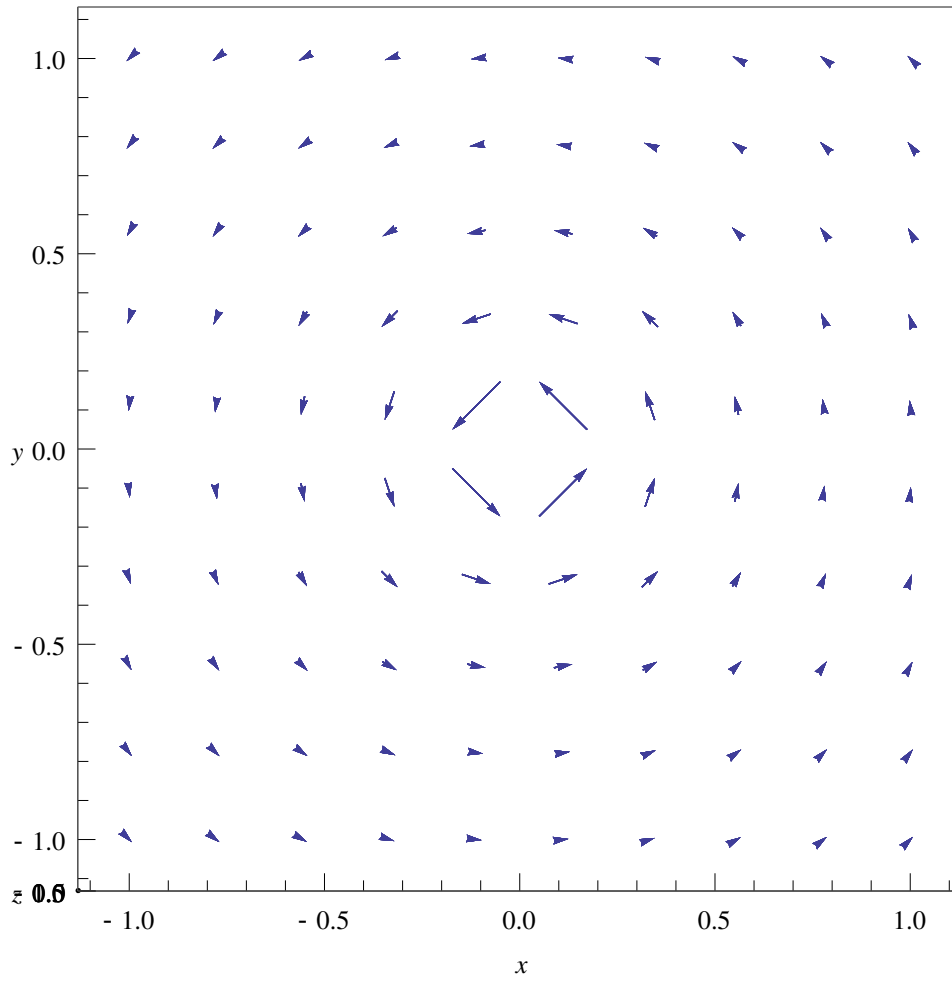


$$F_4$$

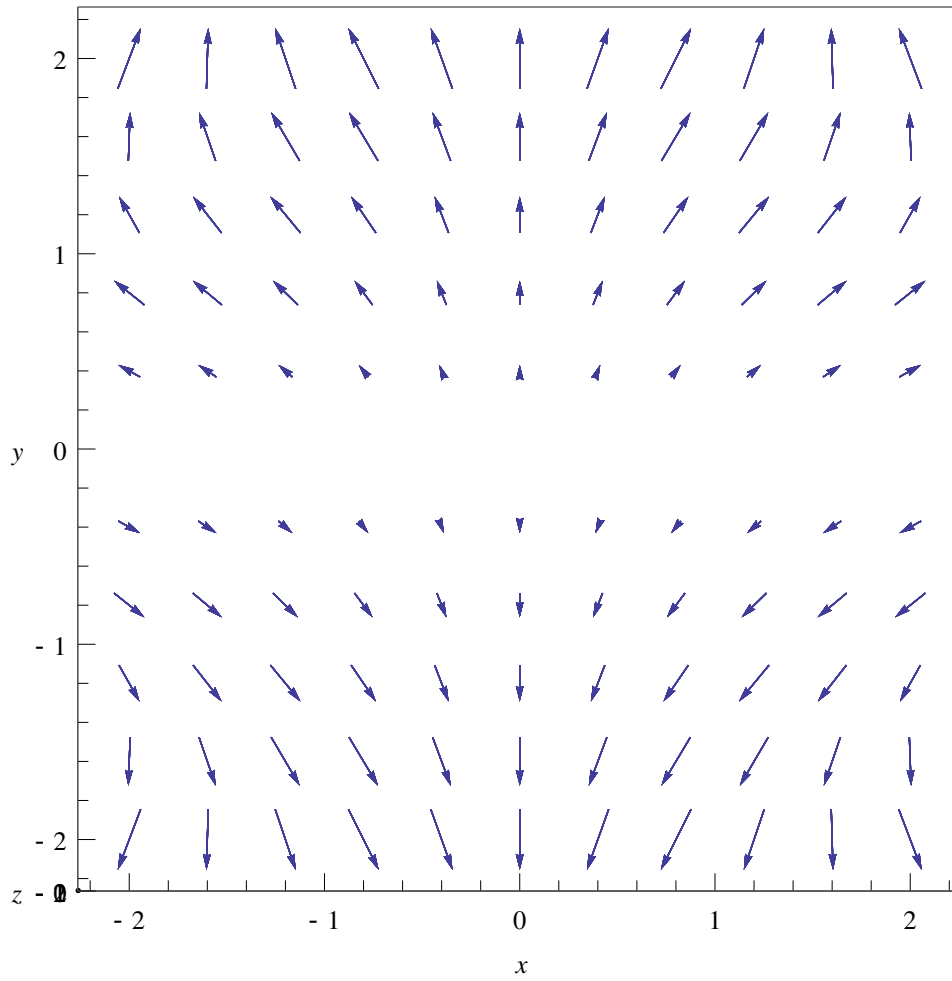


$$F_5$$


$$F_6$$



F_7



$$F_8$$