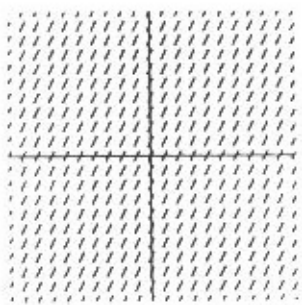


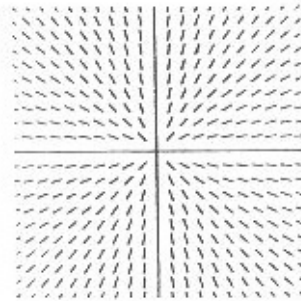
Extra problem 1

Match the direction fields below with the following equations. Each numbered equation corresponds to a different lettered graph

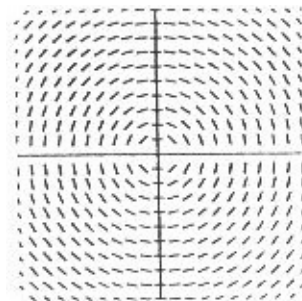
- | | | | |
|-----------------------|------------------------|---------------------------|----------------------|
| 1) $y' = 2$ | 2) $y' = x$ | 3) $y' = y - x$ | 4) $y' = y$ |
| 5) $y' = \frac{y}{x}$ | 6) $y' = -\frac{x}{y}$ | 7) $y' = \frac{y-2}{x-1}$ | 8) $y' = xy^2 + x^2$ |



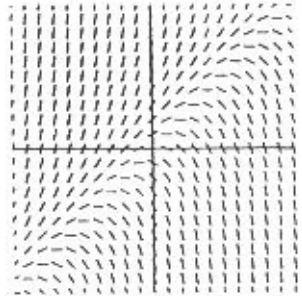
(a)



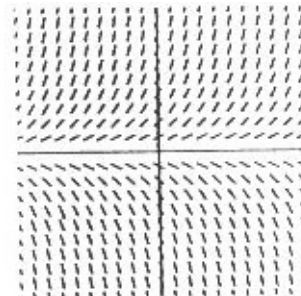
(b)



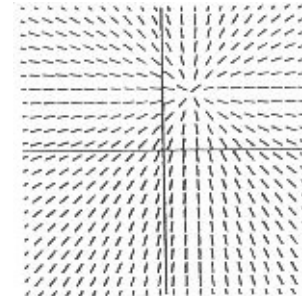
(c)



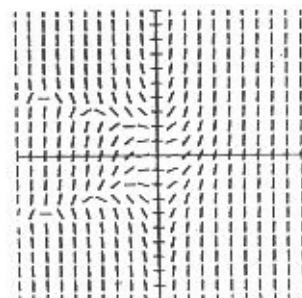
(d)



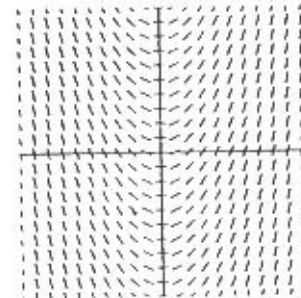
(e)



(f)



(g)



(h)