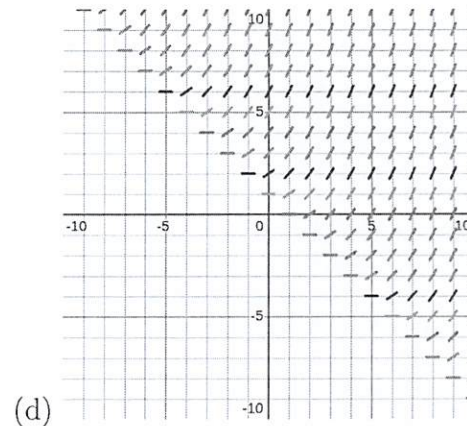
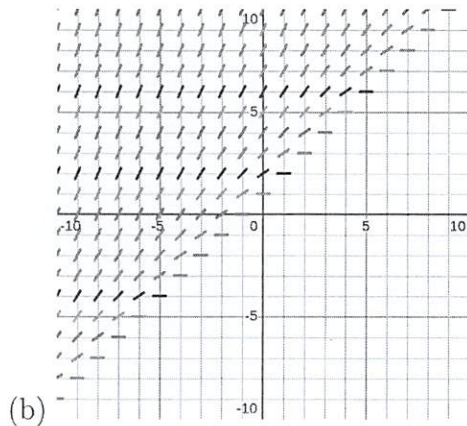
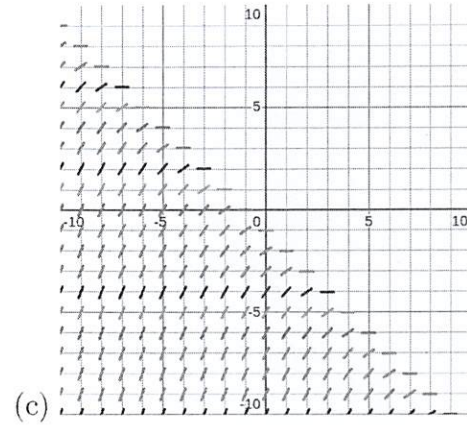
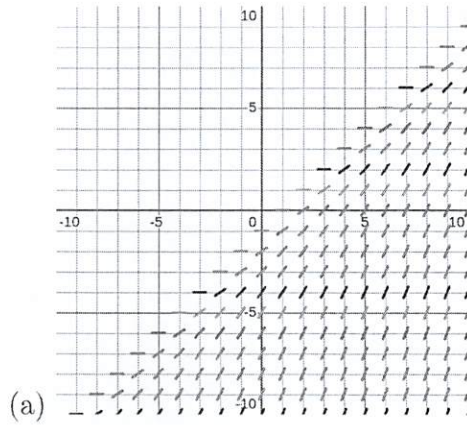


Name: *Santians*

Section: 11 12 13

Match each differential equation with its corresponding direction field.



1. $y' = \ln(x - y)$ \rightarrow defined for $x - y > 0 \Leftrightarrow x > y$ (a)
2. $y' = \ln(x + y)$ \leftarrow defined for $x + y > 0 \Leftrightarrow y > -x$ (d)
3. $y' = \ln(-x + y)$ \rightarrow defined for $-x + y > 0 \Leftrightarrow y > x$ (b)
4. $y' = \ln(-x - y)$ \rightarrow defined for $-x - y > 0 \Leftrightarrow -x > y$ (c)