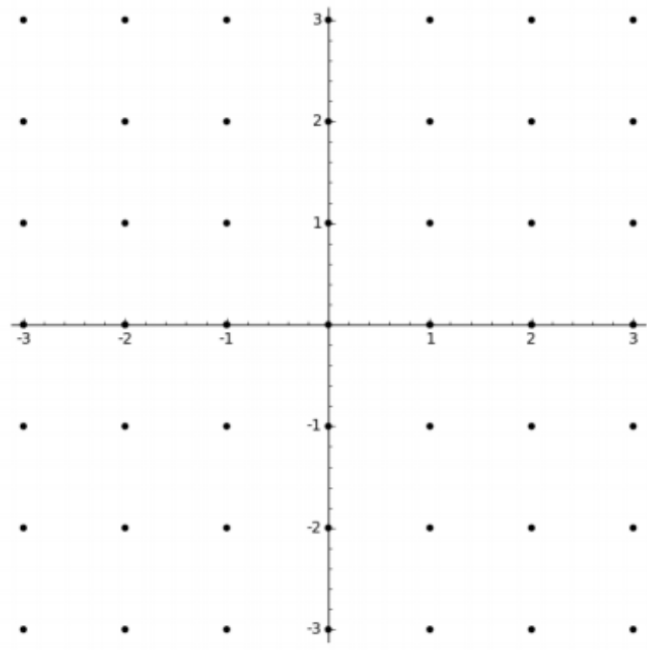


11.6 Slope Fields

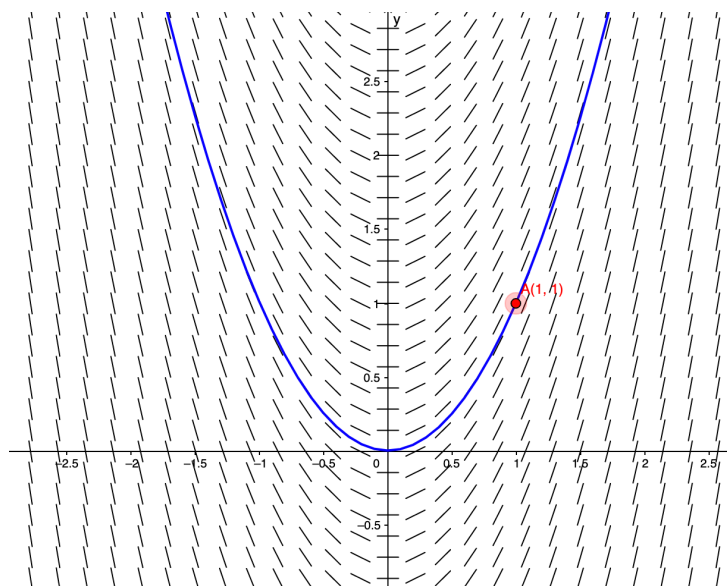
Slope Field –

Steps:

Draw the slope field for $\frac{dy}{dx} = 2x$



Determine the specific solution of the differential equation that passes through (1, 1) and graph it on the same slope field above.



Draw the slope field for $\frac{dy}{dx} = \frac{x+y}{x-y}$ and sketch the specific solution to the differential equation that contains the point $(0, 1)$

