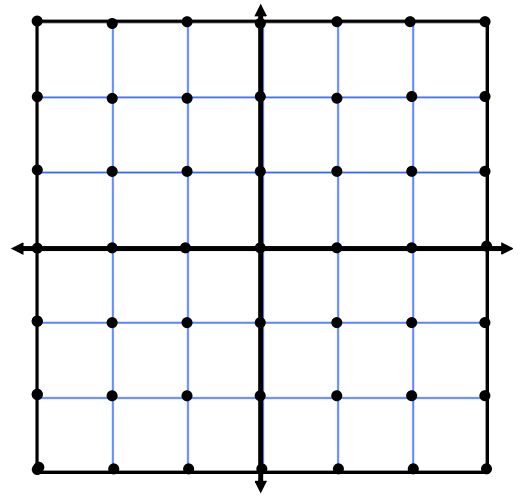
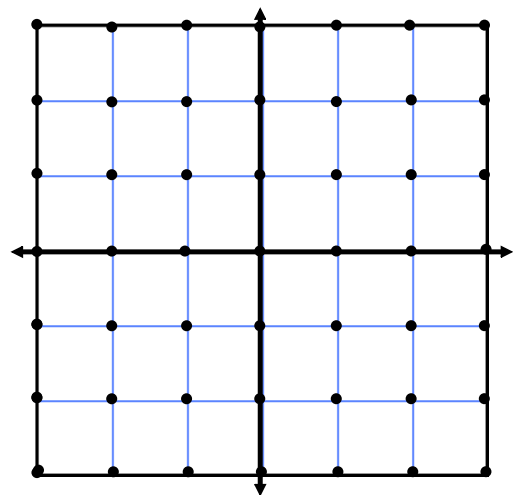


Draw the slope field for each differential. Draw the graph of the solution through the given point(s). Then solve the differential equation for each point.

1)  $dy = \frac{1}{x} dx$        $(1, -1)$  and  $(-1, 1)$

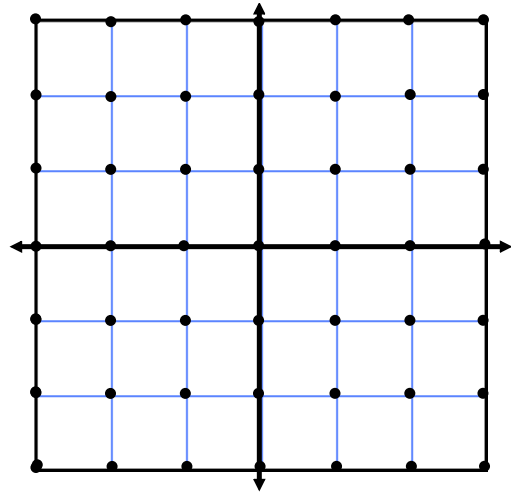


2)  $dy = \sqrt{x+2} dx$  ;  $(0, -1)$



$$3) \quad dy = \frac{2x - 3}{2y} dx$$

$(-1, 2)$ ,  $(-1, -1)$ , and  $(2, -1)$



$$4) \quad dy = (y + 2) dx \quad ; \quad (2, 1)$$

