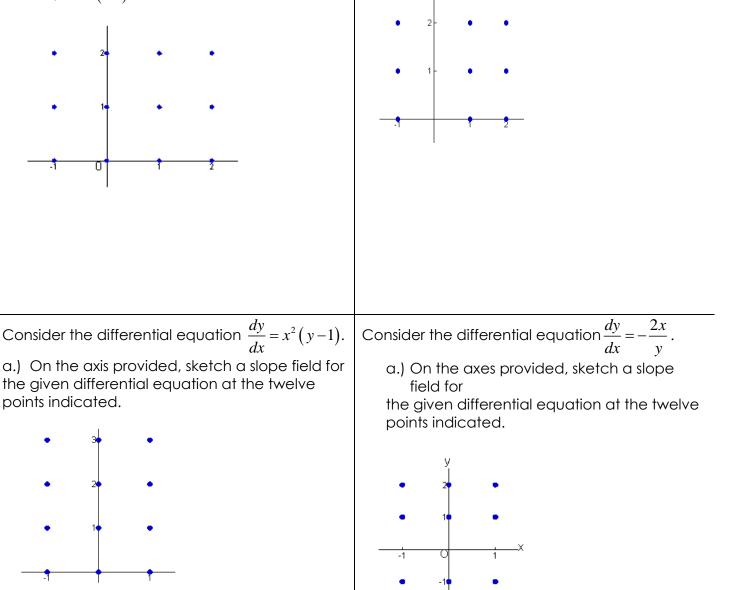
Consider the differential equation $\frac{dy}{dx} = 2x - y$.

a.) On the axes provided, sketch a slope field for the given differential equation at the twelve points indicated, and sketch the solution curve that passes through the point (0,1)

Consider the differential equation $\frac{dy}{dx} = \frac{y-1}{x^2}$,

where $x \neq 0$.

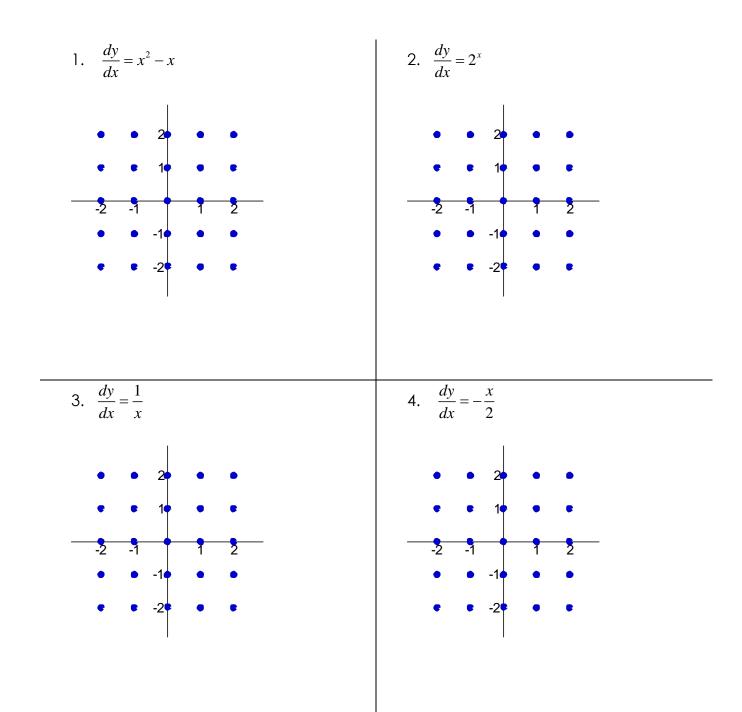
a.) On the axis provided, sketch a slope field for the given differential equation at the nine points indicated.



Notes: Slope Fields

For each of the following differential equations, find the following

- The slope field for the differential equation at the indicated points,
- The general solution of the differential equation graphed, and
- The graph of the particular solution when y(0)=0.



For each of the following slope fields, find the following

- The differential equation graphed, and
- The general solution of the differential equation graphed.

 The general solution of the differential e 5. 5.	equation graphed. 6.
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7.	8.