Guided Notes: Slope Fields

# Vocabulary

* **differential equation:**
* **lineal element:**
* **slope field (direction field):**

# Example Problems

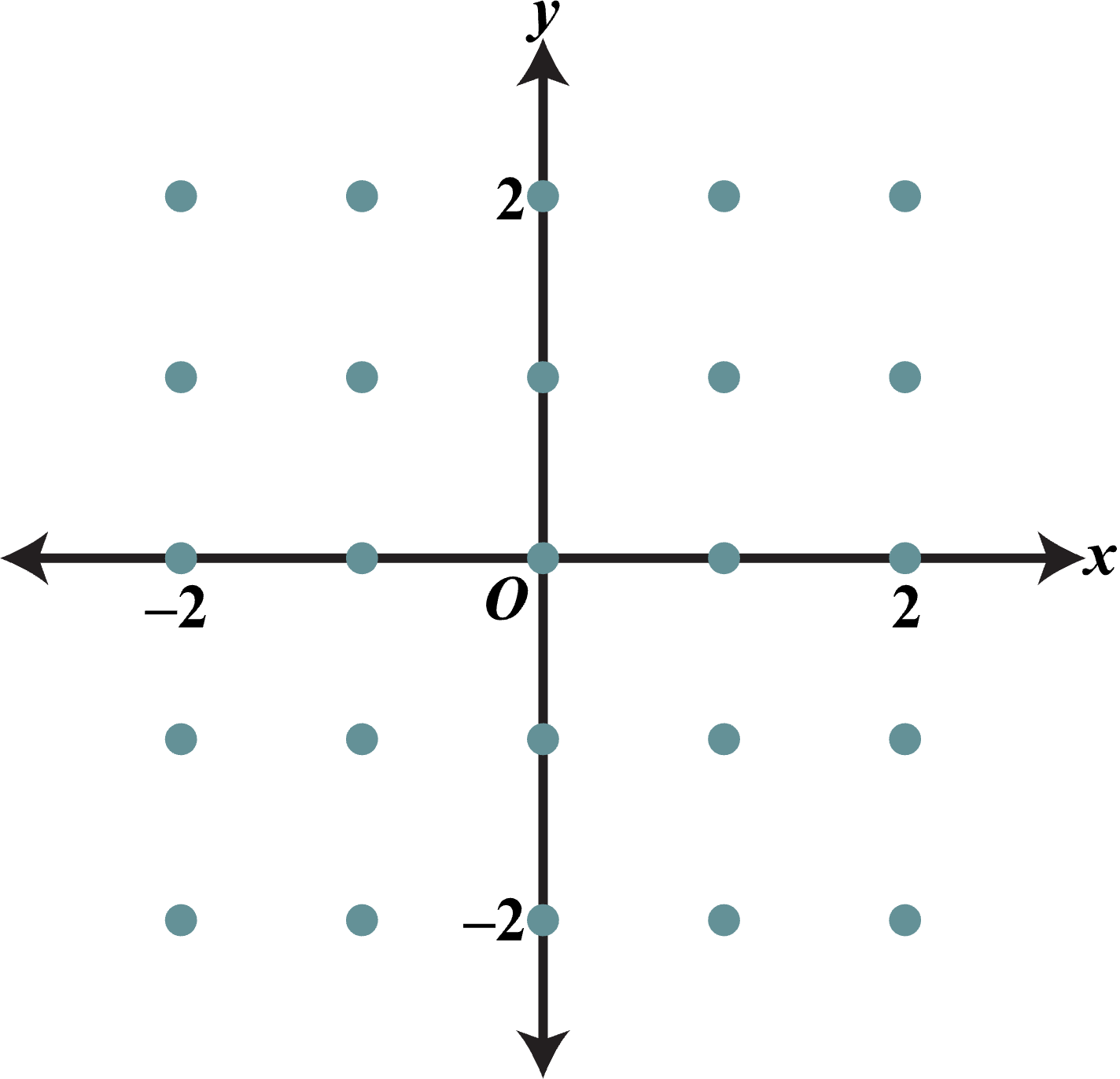
**1)** Use the given slope field to find the general solution of the differential equation: .

A grid of blue lines

Description automatically generated

**general solution:**

**2)** Plot the slope field for the differential equation: . Sketch a reasonable solution using the initial condition: .



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