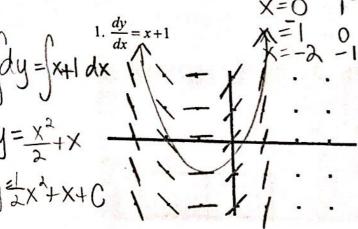


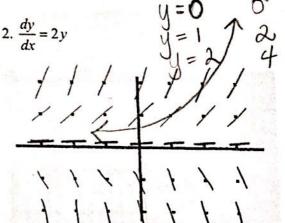


$$\int \frac{1}{a} \cdot \frac{1}{y} dy = \int dx \quad e^{2x+C}$$

$$2 \cdot \frac{1}{a} \ln |y| = x \cdot 2 \quad e^{2x+C}$$

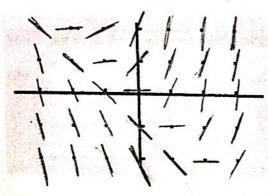
Draw a slope field for each of the following differential equations. Each tick mark is one unit.  $y = Ce^{\lambda x}$ 

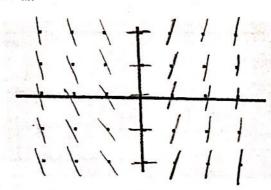




$$3. \frac{dy}{dx} = x + y$$

$$4. \frac{dy}{dx} = 2x$$





$$5. \frac{dy}{dx} = y - 1$$

$$6. \frac{dy}{dx} = -\frac{y}{x}$$

