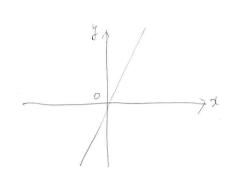
BBA

$$\prod_{y} (1) \int \frac{dy}{y} = \int \frac{dy}{21}$$

$$\ln y = \ln x + C$$

$$= \ln k x$$

$$\therefore y = k x$$



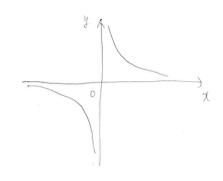
(2)
$$\int \frac{dy}{y} = -\int \frac{dx}{x}$$

$$\ln y = -\ln x + C = -\ln \frac{x}{x}$$

$$\ln y = \frac{x}{x}$$

が期条件が
$$3 = \frac{K}{1}$$

したがら、
 $y = \frac{3}{x}$



$$\begin{cases} \frac{\partial y}{\partial y} = \int I dx \\ \frac{\partial y}{\partial y} = \int I dx \end{cases}$$

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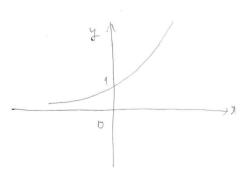
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$$(4) \begin{cases} \frac{dy}{y} = -\int x \, dx \\ \frac{dy}{y} = -\frac{x^2}{2} + C \end{cases}$$

$$\lim_{y \to \infty} y = -\frac{x^2}{2} + C$$

$$\lim_{y \to \infty} y = -\frac{x^2}{2}$$

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