$$-\frac{10}{4} + \frac{10}{4} = \frac{1}{4}$$

$$+\frac{10}{4} + \frac{10}{4} = \frac{1}{4}$$

2a) 
$$\log_{2}(\frac{1}{32}) = \log_{2}2^{-5} = -5$$
b)  $3e^{-2x} = 5$ 
 $\ln 3 + \ln e^{-2x} = \ln 5$ 
 $\ln 3 - 2x = \ln 5$ 
 $-2x = \ln 5 - \ln 3$ 
 $-2x = \ln \frac{5}{3}$ 
 $x = \ln \frac{5}{3}$ 

$$\frac{dy}{dt} = \frac{5x+h_{5}}{x_{5}-5h}$$

$$3x_{5}-3h_{5}\frac{dx}{dt} = ex\frac{dx}{dx}+h_{5}$$

$$3x_{5}-x_{5}=exh$$

$$3x_{5}-x_{5}=exh$$

$$5x_{5}+2inx = qx$$

$$5x_{5}+x_{5}+x_{5}$$

$$5x_{5}+x_{5}+x_{5}+x_{5}$$

$$5x_{5}+x_{5}+x_{5}+x_{5}$$

$$5x_{5}+x_{5}+x_{5}+x_{5}+x_{5}$$

$$5x_{5}+x_{$$

5) 
$$y^2 - x + 1 = 0$$

$$2y \frac{dx}{dx} - 1 = 0$$

$$\frac{dy}{dx} = \frac{1}{6}$$