Mogeran Jenuthan 915

 $\frac{3}{\infty}$

of the soin dx

 $\mu=517X$, $\mu=605X$ $\mu=517X$, $\mu=605X$ $\mu=1$

(Sinx Mx.) e Sin(x) - (00 (x) dx (3)

M = (10x, ohn==sinx);

M = -e^x, v = e^x)

$$-\int_{0}^{1} x \, d^{x} = \left(x-1\right) e^{x} \Big|_{0}^{1} = 1$$

 $(\int_{\mathcal{V}}$

$$\log \left(\left(\right) \leq \lim_{n \to \infty} \frac{1}{n} \left(\sin \frac{k\pi}{2n} \right)$$

$$\log(1) = \frac{1}{2} \log(2\pi) + \lim_{n \to \infty} \frac{1}{2} \log(2\pi) = \frac{2}{6} \log(2\pi)$$

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2t = y , dt = y

> (n) loy (n) dd = [log 2]

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$$\frac{1}{2} \left(\frac{1}{2} \right) = \frac{2}{4} \left(\frac{1}{2} \right)$$

- lon (1) p= 1/2