Sapian 2 1 x dx N7.2 $\frac{3^2}{5^4} = \frac{1}{1} + \sqrt{x}$ (2152)t = { 252 52)t = \$ 2(t-1)2 (t-1))t = 5'216-11')t = 5'216-362-16-1) Jt = 211-362-66-21/61= 2(1+52) - 3(1+52) +6(1+52)-2h(1+52) |:= $-16 - 12 + 12 - 2 \ln 2 - \frac{2}{3} + 3 - 6 = \frac{14}{3} - 3 - 2 \ln 2 = \frac{5}{3} - 2 \ln 2$ Sinx coix dx t=cosx dt=-sinx da $\int_{-1}^{\frac{\pi}{3}} \frac{1}{1} dt = -\frac{1}{3} \int_{0}^{\frac{\pi}{3}} = -\frac{\cos^{3} \pi}{3} + \frac{\cos^{3} \pi}{3} + \frac{\cos^{3} \pi}{3} = -\frac{\cos^{3} \pi}{3} = -\frac$ = - 1 + 1 = - 24 + 3 = 24

Sxhxdx $U = L_{X}$ $J_{Y} = \frac{1}{x} J_{X}$ $J_{Y} = \frac{1}{x} J_{X}$ $V = \frac{x^{2}}{2}$ $l_{LX} \cdot \frac{x^2}{2} - \int \frac{x^2}{2x} dx = l_{LX} \cdot \frac{x^2}{2} - \frac{1}{2} \cdot \frac{x^2}{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \frac{x^2}{4} \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \frac{x^2}{4} \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{2} - \frac{x^2}{4} \cdot \frac{x^2}{4} \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \left| \frac{x^2}{4} - \frac{x^2}{4} \cdot \frac{x^2}{4} \right|_{x}^{2} = \frac{l_{LX}}{2} - \frac{x^2}{4} \cdot \frac{x^2}{4} - \frac{x^2}{4} \cdot \frac{x^2}{4} - \frac{x^2}$ $=\frac{\ln 2 \cdot 2^2}{2} - \frac{2^2}{4} - \frac{\ln n \cdot 1}{2} + \frac{1}{4} = 2 \ln 2 - \frac{3}{4}$ $\int_{0}^{3} |1-x| dx = \int_{0}^{1} |1-x| dx + \int_{1}^{7} -(1-x) dx = (x-\frac{x^{2}}{2})|_{0}^{7} +$ $+(-2+\frac{x^{2}}{2})|_{1}^{1}=\frac{1}{17}+2=\frac{5}{2}$ N5.2 y=lax x=e, y=0 y 2 ho /y=lax 4 =1 flaxbe = xlax-se xlhx-xl= e.lne-e-ln1+1= e-e+1=1

