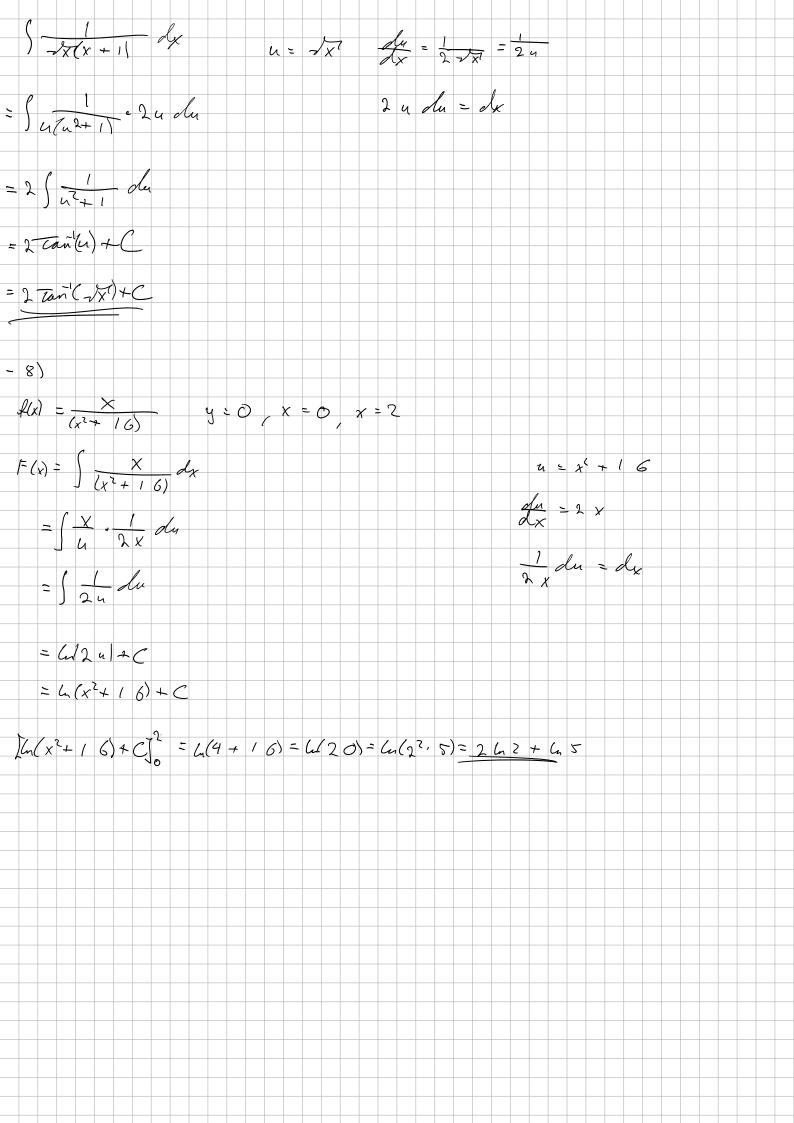


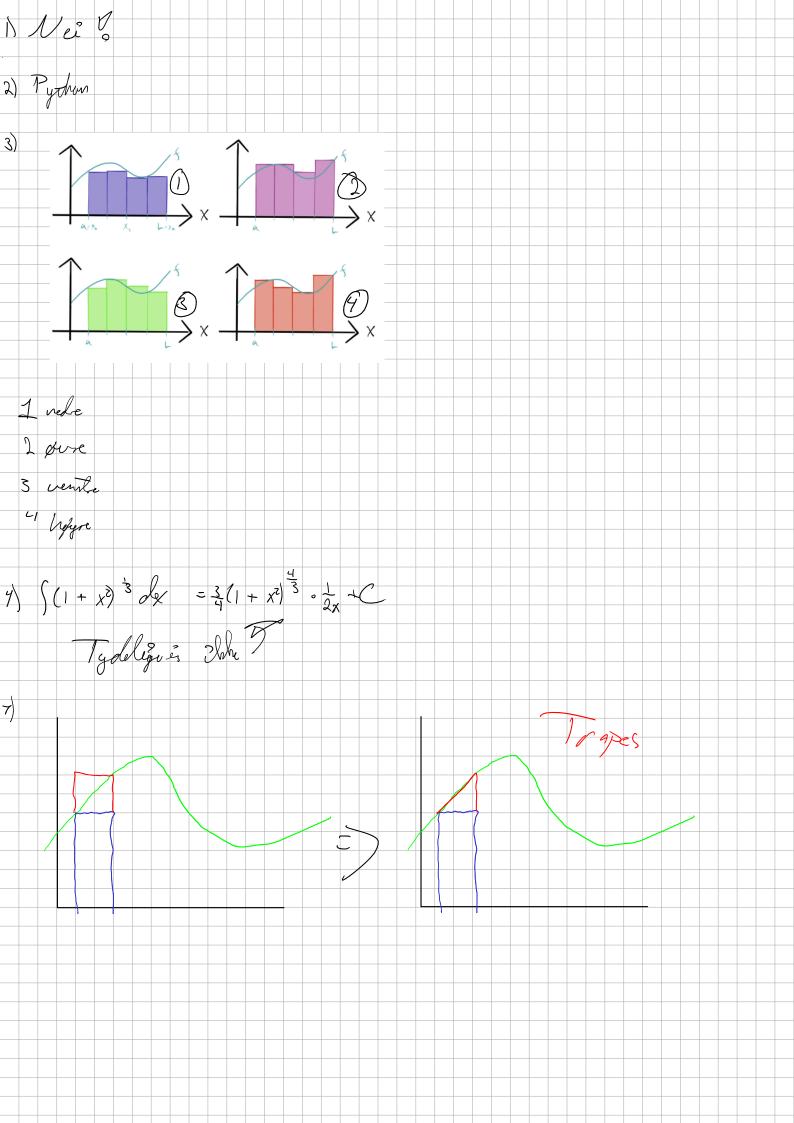
$$= \int_{0}^{\infty} \frac{1}{3} e^{x} dx$$



 $-7) h f(x) g'(x) dx = f(x) g(x) dx - \int_{a}^{b} f(x) g(x) dx$ Conh lex coex = [exin x] - lex in x dx = [e] 2 x] - { (cax x + î sên x) rên x dx = [ex sin x] -) coe x sin x + i ein x dx $= \begin{bmatrix} x & x & - y$ lex coex dx $e^{\hat{c} \times \hat{c}} = c_{X} \times + \hat{c} \cdot c_{X} \times c_{X}$ $c_{X} = c_{X} \times + \hat{c} \cdot c_{X} \times c_{X}$ $= \int_{0}^{\infty} \cos\left(x\right) \left(\cos\left(\frac{x}{i}\right) + i \operatorname{ven}\left(\frac{x}{i}\right)\right)$ = { con (x) con (x) +i con (x) sin(x) = \(\frac{1}{2} \left(\car \left((1 - \frac{1}{2}) \times \right) + \car \left((1 + \frac{1}{2}) \times \right) + \frac{1}{2} \left(



-6)
$$\int_{-1}^{1} \frac{1}{x^{2}} dx = \int_{-1}^{1} x^{2} dx = \int_{-1}^{1}$$





$$\frac{1}{1} \left(\frac{1}{12} - \frac{1}{12} \frac{(x_1 - x_1)}{(x_1 - x_1)} - \frac{(x_2 - x_1)}{(x_1 - x_1)} - \frac{(x_2 - x_1)}{(x_2 - x_1)} - \frac{$$

$$= \frac{-(x-1)(x-2)(x-3)-3 \times (x-1)(x-3)+2 \times (x-1)(x-2)}{6}$$

$$= \frac{1}{6}(x-1)(-(x-2)(x-3)-3 \times (x-1)+2 \times (x-2))$$

$$= \frac{1}{6}(x-1)(-x+5 \times -6-3 \times^6+9 \times +2 \times^2-9 \times)$$

$$= \frac{1}{6}(x-1)(-2 \times^2+10 \times -6)$$

$$= \frac{1}{6}(-2 \times^3+12 \times^2-16 \times +6)$$

$$= \frac{1}{6}(-2 \times^3+12 \times +6)$$

$$= \frac{1}{6}(-2$$

$$= \frac{1}{x_{0} - x_{1}} \left(\frac{1}{x_{0}} (x_{0} - x_{1}) \frac{1}{x_{0} - x_{1}} \right) \left(\frac{1}{x_{0} - x_{1}} \frac{1}{x_{0}} (x_{0} - x_{1}) \frac{1}{x_{0} - x_{1}} \frac{1}{x_{0}} \frac{1}{x_{0} - x_{1}} \frac$$

$$a = x_{0} \quad (x - x_{0})$$

$$\frac{1}{2} = x_{0} f(x) + x_{0} f(x)$$

$$= f(x) \int_{x_{0}} \int_{x_$$

