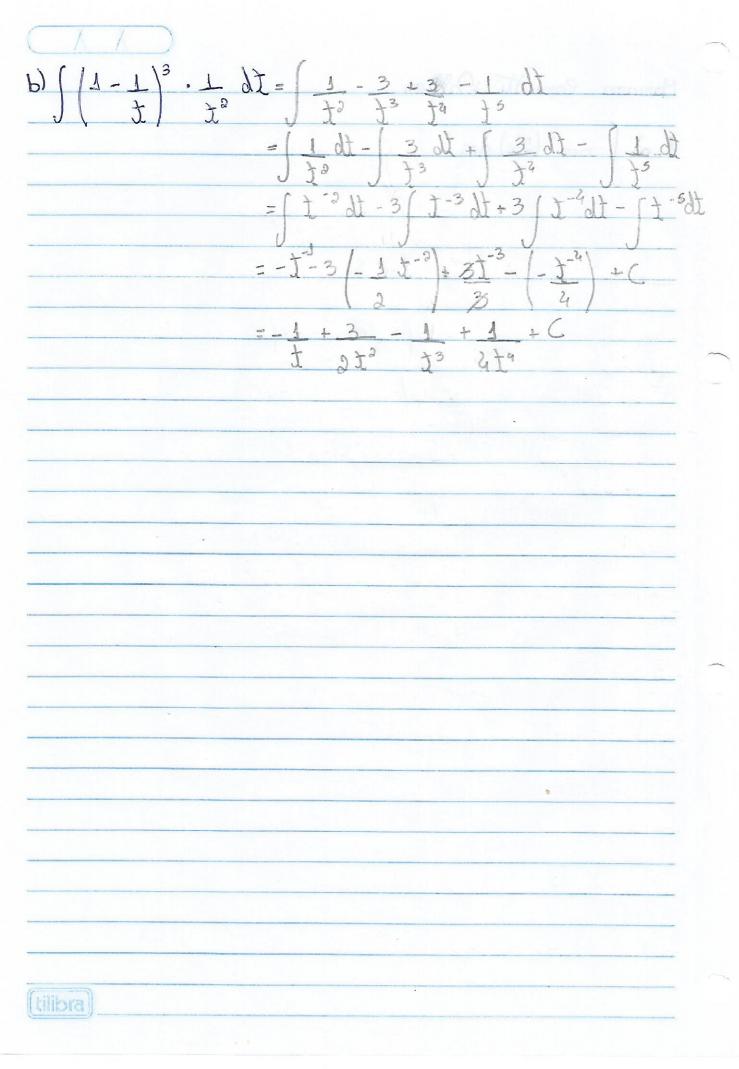
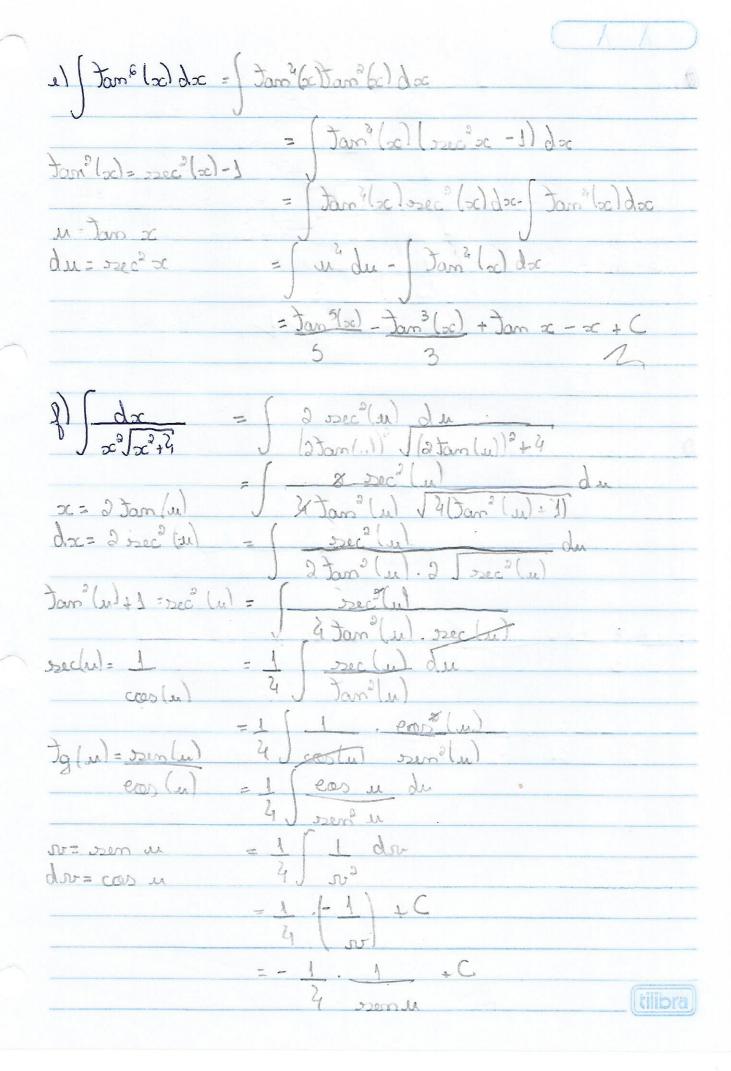
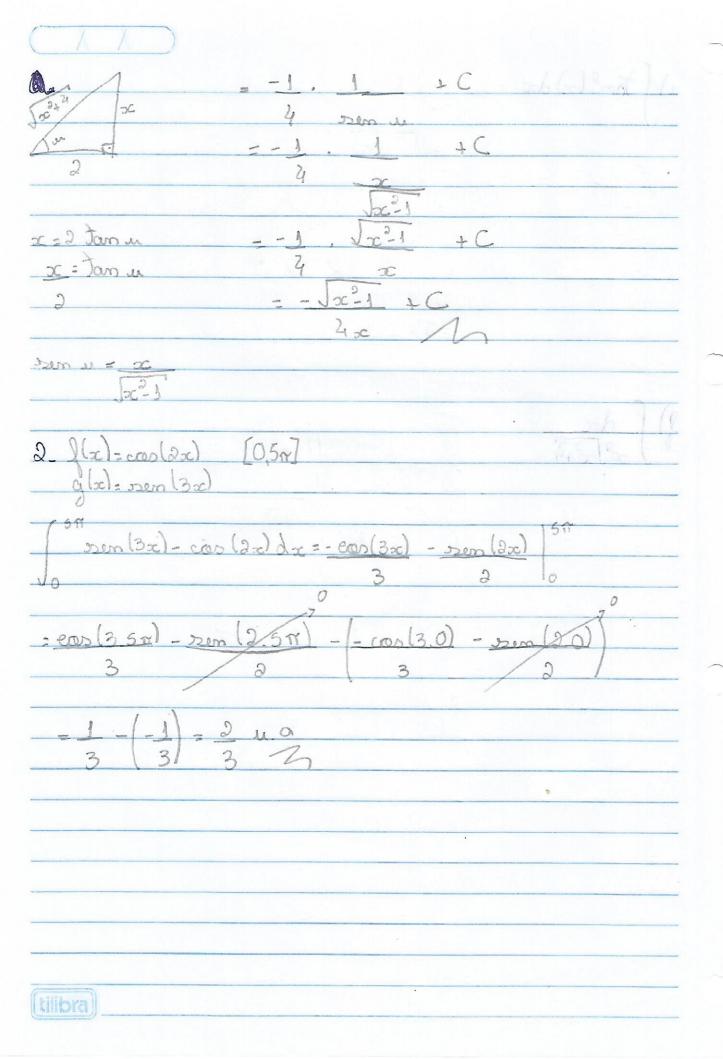
Mariana Cossetti Dalfior = 20 (20 C) mese 11= Dx du: doc 2(22) som (2x) + cos(2x))))) + C ub u cos udu [sen u du 4. 12en 4 + coo u



e) (x3 andam lac) dac = andam 1+22 20= (c3+3)(x2-3)+) tilibra

d) [eas of (2t) mer (2t) dt = 1 feas (u) sen (u) du IG = w du= 2 dt du = dt M COD = TO dor= - sem.du -dr= mer = ub-(tilibra





$$3-y=x^3+1$$
 $1 < x < 3$ $V=\int_a^b A(x)dx$

$$V = \pi \int_{-\infty}^{3} (x^{3} + 1)^{3} dx$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 2x^{3} + 1 dx$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 2x^{3} + x$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 18 + 3 - 1 + 2 + 1$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 20 - 1 - 2$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 300 - 3 - 10$$

$$V = \pi \int_{-\infty}^{3} x^{3} + 300 - 3 - 10$$

$$V = 1016 \pi \text{ sr.}$$