1)
$$a/f(2x - 3ser(2x) - \frac{3}{5} + 4cos(5x) + 1) dx$$

$$\frac{1}{2} \frac{1}{x} + \frac{3}{2} cos(2x) - \frac{3lnx}{5} + \frac{4}{5} ser(5x) + x + C$$

$$\frac{1}{5} \frac{1}{5} \frac{1}{$$

$$\frac{1}{5} \int_{0}^{2} (2x^{2} - x^{3} - x) dx$$

$$\frac{1}{3} - \frac{x^{3}}{3} - \frac{x^{4}}{3} - \frac{x^{4}}{2}$$

$$\frac{1}{3} - \frac{1}{3} - \frac{1}{2}$$

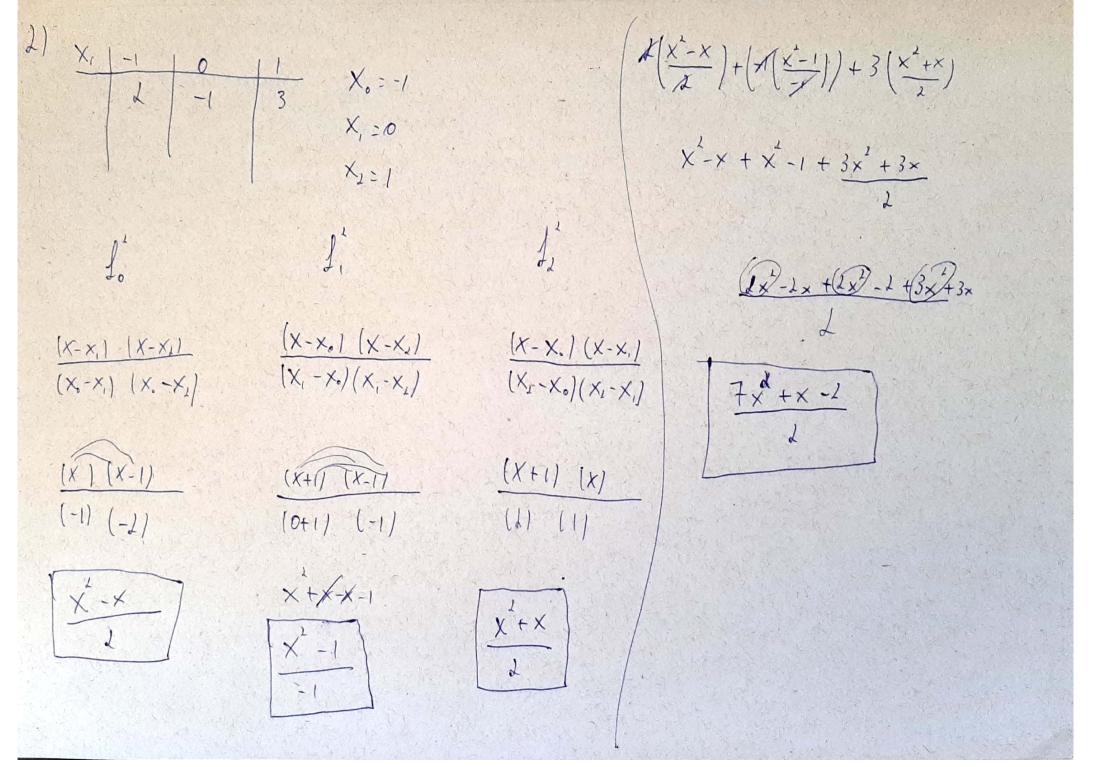
$$\frac{1}{3} - \frac{16}{4} - \frac{4}{2}$$

$$\frac{1}{3} = \frac{16}{4} - \frac{4}{2}$$

$$\frac{1}{3} = \frac{16}{4} - \frac{4}{2}$$

$$\frac{1}{3} = \frac{16}{4} - \frac{4}{2}$$

$$\frac{16}{3} - \frac{10}{4} - \frac{7}{1} - \left(\frac{0}{3} - \frac{0}{1} - \frac{0}{1}\right) = \frac{10}{3} - \frac{10}{1} - \frac{1}{1} = \frac{10}{3} - \frac{1}{1} = \frac{10}{3} - \frac{1}{1} = \frac{10}{3} - \frac{1}{1} = \frac{1$$



3) No WOLFMAN ENCONTREL GRAFICAMENTE INTENVACO ENTRE 0 € 1. ACLEI INTERVATO CON AMPLITUDE 0.1 ENTRE 0.5 € 0.6 I = [0.5; 0.6] 1(x) = 3sex(x) - 1/x $\int_{-1}^{1} (x) = 3\cos(x) + \frac{1}{x^{4}}$ TENANDO NA (ALCULADONA! X. : 0.5500 X, = 0.5926 X3=0.5948 | REPETIV AS 4 CASAS | RESPOSTA = 0.5948

Xy=0.5948

$$(4) \int_{0}^{0.6} \frac{x}{(3+x)^{2}} dx \qquad 6 \text{ PONTOS}$$

	X,	× , ,	XÝ	X 3	X	1 ×5
	0	0.12	0.24	0.36	0.48	0.6
$\int (x)$	0	0.04	0.011	0.031	0.039	0.046

$$E = 0 + 0.046 = 0.046$$
 $P = 0.021 + 0.039 = 0.061$
 $I = 0.046 = 0.043$

0.0152