Otro Dador or pontor, encontre o polinemio de render grau que poros pelos pontos.

[1	Xi	y'
0	1	2
1	2	5
2	3	10
3	1 4	123

$$L(x) = 2 \frac{(x-2)(x-3)(x-4)}{(1-2)(1-3)(1-4)} + 5 \frac{(x-1)(x-3)(x-4)}{(2-1)(2-3)(2-4)} + 10 \frac{(x-1)(x-2)(x-4)}{(3-1)}$$

$$\frac{+10}{(3-1)(3-2)}$$
 $((x-1)(x-2))$ $\frac{+2}{(2-1)(2-1)(2-1)}$

. may alrang de aimoniles (SD) p. Venter 30, 10035 retuer. propers. $0.10(x) = \frac{(x-x1)(x-x2)(x-x3)(x-x4)}{(x0-x1)(x0-x2)(x0-x3)(x-x4)}$ = (x-29)(x+37)(x+85)(x-719) (71-79) (71+32) (71+65) (71-719) Simplificando, timos. [29,0625// (45)



0	3
2	-16
5	-7
6 7	99



$$\int_{0}^{3} f(x) dx \approx \frac{3}{8} (8 + 3 \cdot (-3) + 3 \cdot (-16) + (-25)) =$$

$$= -27.75$$

$$=$$
 $\int_{0}^{7} \int_{1}^{1} (x) dx = -27.75 + 7.3333 - 32 =$