aproximar la integral con 4 intervalos

$$\int_1^4 e^x ln(x)\,dx$$

$$h = \frac{b-a}{n} = \frac{4-1}{4} = \frac{3}{4}$$

i	xi	$f(x_i)$
0	1	0
1	$\frac{7}{4}$	3.220366511
2	$\frac{5}{2}$	11.16270631
3	$\frac{13}{4}$	30.397913
4	4	75.68910752

$$sumatoria = 44.78098582$$

$$I = (b-a)\frac{f(x_0) + 2\sum_{i=1}^{n-1} f(x_i) + f(x_n)}{2n}$$

$$I = (4-1)\frac{0 + 2(44.78098582) + 75.68910752}{2(4)}$$

$$I = 61.96915469$$