Kyle Latino

A page in Latex

Here are some useful mathematic formulas.

$(a + b)^2 = a^2 + 2ab + b^2$

$$a^2 - b^2 = (a + b)(a - b)$$

$$f(x) = e^x + 2x + 1$$

$$f(x) = e^x + 2x + 1 \tag{1}$$

Differentiating (1), we get

$$f'(x) = e^x + 2 \tag{2}$$

$$f''(x) = e^x \tag{3}$$

On integration (3), becomes

$$\int f(x)\,dx = e^x + C$$

$$\int_0^1 e^x\,dx = e^x|_0^1 = e - 1$$

Here is a table.

Left	Center	Right
4	5	6
7	8	9
10	11	12
13	14	15

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15

x^3+2*x^2+10*x−20
3*x^2+4*x+10
6*x+4