4) In - Orden:

((3x^6 + cos(x) * sen(x)) ÷ (x * x^2) - (tan(x) * ln(x) + 5)

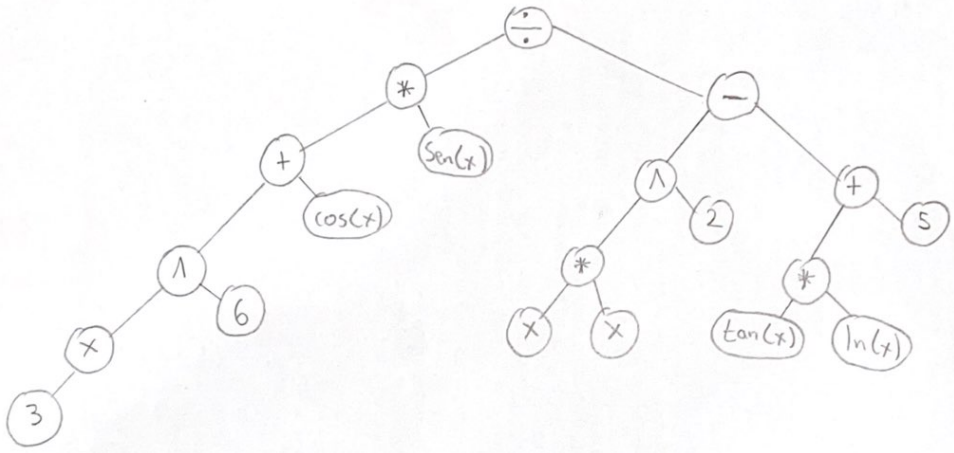
Pre - Orden:

- ÷ + * [cos(x)][sen(x)] ^ (3x)(6) + * [tan(x)][ln(x)](5)

Post - Orden:

(3x)(6)^[cos(x)][sen(x)] * + (x)(x)(2)^ * ÷ [tan(x)][ln(x)] * 5 + -

Árbol:



5) In - Orden:

((z+1) * (z-1)) ÷ ((a * 2) - (a+1))

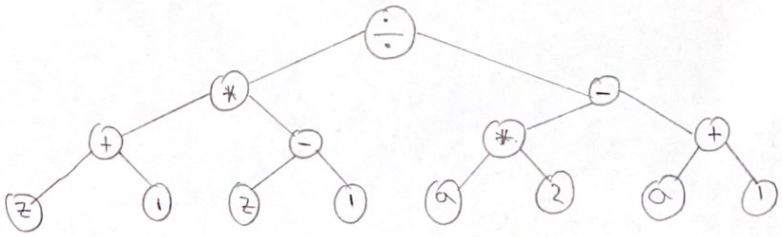
Pre - Orden

÷ * + (z)(1) - (z)(1) - * (a)(2) + (a)(1))

Post - Orden

(z)(1) + (z)(1) - * (a)(2) * (a)(1) + - ÷

Árbol:



6) In - Orden

$\{[2 * tg(45)] \div [40 \wedge \log(3)]\} + (\sqrt{69}) \wedge \pi$

Pre - Orden

$+ \div * (2)(tg(45)) \wedge (40)[\log(3)] \wedge (\sqrt{69})(\pi)$

Post - Orden.

$(2)[tg(45)] * (40)[\log(3)] \wedge \div (\sqrt{69})(\pi) \wedge +$

Árbol: