PRIMER EJERCICIO:

IN-ORDEN:

$$(sen(45)\ \hat{}\ 4)\ *\ (cos(30)\ \hat{}\ 2)\ -\ 3\ /\ 6$$

PRE-ORDEN:

$$-*\ \hat{}sen(45)(4)\hat{}cos(30)(2)\ /\ (36)$$

POST-ORDEN:

$$sen(45)(4)\hat{}cos(30)(2)\hat{}\ *\ (3)(6)/\ -$$

SEGUNDO EJERCICIO:

IN-ORDEN:

$$(\frac{tan(x)-cotan(x)}{sen(x)})\ *\ (ln(x)\ \hat{}\ 2)\ +\ (cos(x)\ \hat{}\ 2)$$

PRE-ORDEN:

$$+*\div-\ [tan(x)][cotan(x)][sen(x)]\hat{}[ln(x)](2)\hat{}[cos(x)](2)$$

POST-ORDEN:

$$[tan(x)][cotan(x)]\ -\ [sen(x)]\ \div\ [ln(x)](2)\hat{}\ [cos(x)](2)\hat{}\ +$$

TERCER EJERCICIO:

IN-ORDEN:

$$log(15) * \sqrt{89} + \frac{e\text{^}sen(90)}{arctg(90)}$$

PRE-ORDEN:

$$+* [log(15)](\sqrt{89}) \div \text{^}(e)[sen(90)][arctg(90)]$$

POST-ORDEN:

$$[log(15)](\sqrt{89}) * e[sen(90)]\text{^}[arctg(90)] \div +$$

CUARTO EJERCICIO:

IN-ORDEN:

$$((3x \text{ ^ } 6 + cos(x) * sen(x)) \div (x * x \text{ ^ } 2)) - (tan(x) * ln(x) + 5)$$

PRE-ORDEN:

$$-\div +* [cos(x)][sen(x)]\text{^}(3x)(6) +* [tan(x)][ln(x)](5)$$

POST-ORDEN:

$$(3x)(6)\text{^}[cos(x)][sen(x)] *+ (x)(x)(2)\text{^} *\div [tan(x)][ln(x)] * 5 +-$$

QUINTO EJERCICIO:

IN-ORDEN:

$$((z + 1) * (z - 1)) \div ((a * 2) - (a + 1))$$

PRE-ORDEN:

$$\div *+ (z)(1) - (z)(1) -* (a)(2) + (a)(1)$$

POST-ORDEN:

$$(z)(1) + (z)(1) -* (a)(2) * (a)(1) +-\div$$

SEXTO EJERCICIO:

IN-ORDEN:

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

PRE-ORDEN:

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

POST-ORDEN:

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

SÉPTIMO EJERCICIO:

IN-ORDEN:

$$((16 \ \hat{} \ 2 \ \div \ 4 \ \hat{} \ 4) \ * \ ln(x)) \ - \ (tan(x) \ \hat{} \ 2)$$

PRE-ORDEN:

$$-*\div \ \hat{}(16)(2)\hat{}(4)(4)[ln(x)]\hat{}[tan(x)](2)$$

POST-ORDEN:

$$(16)(2)\hat{}(4)(4)\hat{} \ \div \ [ln(x)] \ * \ [tan(x)](2)\hat{} \ -$$

OCTAVO EJERCICIO:

IN-ORDEN:

$$\{e\hat{}[ln(45)]/[arcsen(56)\} \ - \ [(4 \ * \ 36\hat{}8) \ * \ sen(95)]$$

PRE-ORDEN:

$$- \ \div\hat{}(e)[ln(45)][arcsen(56)] \ ** \ 4\hat{}(36)(8)[sen(95)]$$

POST-ORDEN:

$$(e)[ln(45)]\hat{}[arcsen(56)]\div(4)(36)(8)\hat{} \ * \ [sen(95)] \ *-$$

NOVENO EJERCICIO:

IN-ORDEN:

$$[ln(e) \ \hat{} \ x) \ * \ (sen(x) \ * \ cos(x)] \ + \ (2 \ \hat{} \ 5 \ \div \ 2 \ \hat{} \ 4)$$

PRE-ORDEN:

$+* \; \hat{}[ln(e)](x) \; * \; [sen(x)][cos(x)] \div \hat{}(2)(5)\hat{}(2)(4)$

POST-ORDEN:

$[ln(e)](x)\hat{}[sen(x)][cos(x)] \; ** \; (2)(5)\hat{}(2)(4)\hat{} \div \; +$