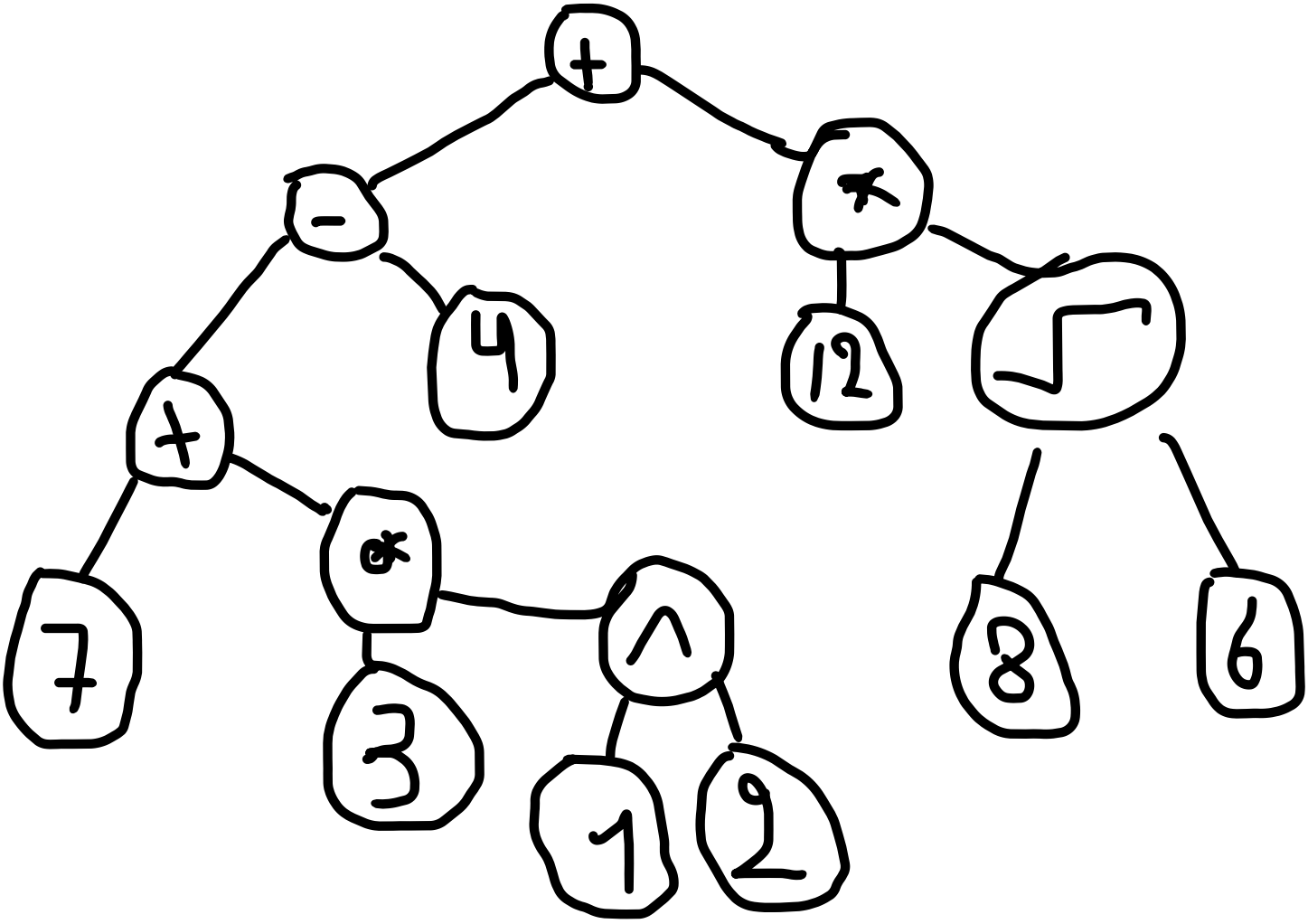
$7+3*1^{\wedge}-4\div 12*\sqrt[8]{6}$



Pre orden: R, I, D

+, -, +, 7, *, 3, ^, 1, 2, 4, *, 12, √, 8, 6

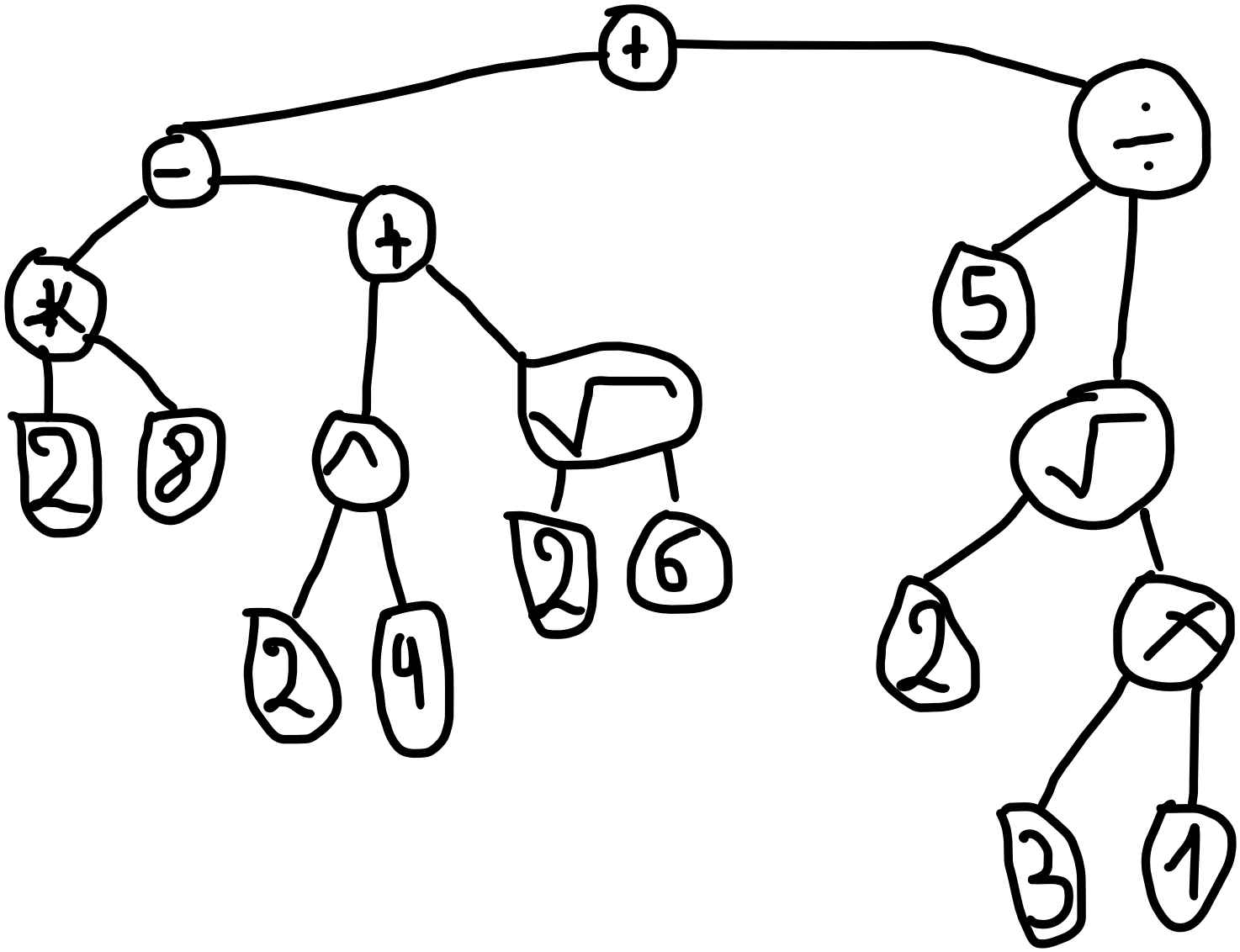
In orden: I, A, D

7, +, 3, *, 1, ^, 2, -, 4, +, 12, *, 8, √, 6

Post orden: I, D, R

7, 3, 1, 2, ^, *, +, 4, -, 12, 8, 6, √, *, +

$8*2-\sqrt{6}*4^{\wedge}+\sqrt{3*1}\div 5$



Pre orden: R, I, D

+, *, 2, 8, *, ^, 2, 4, √, 2, 6, ÷, 5, √,
2, 3, 1

In orden: I, A, D

2, *, 8, -, 2, ^, 4, +, 2, √, 6, +, 2, ÷,
2, √, 3, 1

orden: I, D, R

2, 8, *, 2, 4, ^, 2, +, √, x, -, 5, 2,
3, 1, *, √, ÷, +