$a_n = (\max(\text{reverse}((a_{n-3}+1)), \text{num_digits}(\min(a_{n-2}, a_{n-3}, a_{n-3})), ((a_{n-1}-n)+n)) - \max(a_{n-2}, a_{n-2}, a_{n-2})) + (a_{n-1}-n) + (a_{n-2}, a_{n-2}, a_{n-2}) + (a_{n-2}-n) + (a_{n-2}, a_{n-2}, a_{n-2})) + (a_{n-1}-n) + (a_{n-2}, a_{n-2}, a_{n-2})) + (a_{n-2}-n) + (a_{n-2}, a_{n-2}, a_{n-2}) + (a_{n-2}-n) + $