$a_n = (\operatorname{reverse}((\operatorname{num_digits}(a_{n-1}) + 1)) + (((\operatorname{reverse}(a_{n-3}) - \operatorname{reverse}(a_{n-2})) - \operatorname{reverse}(((a_{n-1} + 1) - a_{n-1}))) - (n+1))$