

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