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