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