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