#include <iostream>

using namespace std;

int main(){

int T; cin >> T;

int dp[12] = {0,};

dp[1] = 1;

dp[2] = 2;

dp[3] = 4;

for(int i=4; i<=11; i++){

dp[i] = dp[i-1] + dp[i-2] + dp[i-3];

}

while(T--){

int N; cin >> N;

cout << dp[N] << "\n";

}

return 0;

}