Roman To Integer $"III" \rightarrow 3$ CD - - LOU+500 = 400 XIII

= 1248

100 500 1000

VI

XVI

Stings
int sum: 0, index = 0
while (index (s.size () -1) { if (Num(s[index])(Num(s[index+1]) {
Sum - = num(s[index]) 3 Sum f: num(s[indexs]); index tt; Vsum += num (s&.size()-1]); refun sum; Made with Goodnotes

S= X L V ->0(N)

V10 < 50

750 C 10

sum: 45 index: 552

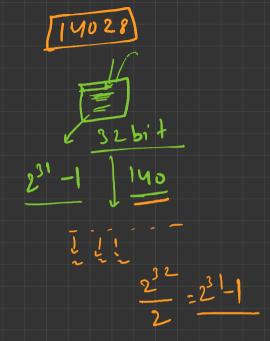
num (char ch) 5 refun L; else if (ch = = 'v') refurn 5;

Factorials of large numbers

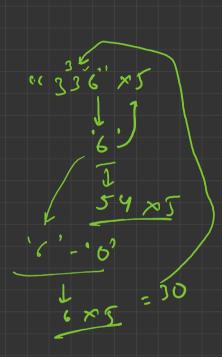
N: 8

INT-Overflow

10 ng long -> 8 bid



N: 8



N= 4

Vector (int) ans (1,1); while (N>1) { ind early: 0, size = ans. size(), result; for(1:0; i (size; i++) { result: ans[i] * ~ + carry; carry: result/10; ans [i] = result.110; while (carry) { 3 = carry /= 10;

reverse (ans. begin (), ans. end ());



