import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt(), s1 = 1, s2 = 1;

sc.close();

System.out.print("a '+' : ");

for (int i = 0, j = 1; i <= n; ++i, j += 2) {

s1 += 2;

s2 \*= j;

if(i == n)

s2 /= j;

}

System.out.println(s1);

System.out.print("a '\*' : ");

System.out.println(s2);

}

}