''' (a\*x + b\*y)^n = '''

import math

sum=0

a=int(input())

b=int(input())

n=int(input())

temp=n

for x in range(0,n+1):

sum= sum + math.comb(n,x) \* (a\*\*(x+temp)) \* (b\*\*x)

temp=temp-2

print(sum)