#include <iostream>

#include <string>

using namespace std;

string mul(string a, int b)

{

string c;

int p, l, i, j;

for (i = 0; i < a.size()+5; i++)

c += "0";

for (i = a.size()-1; i >= 0; i--)

{

p = (a[i]-'0')\*b;

for (j = i+5; p; j--)

{

l = c[j]-'0';

c[j] = (l+p)%10+'0';

p = (l+p)/10;

}

}

while (c.size() > 1 && c[0] == '0')

c.erase(c.begin());

return c;

}

int main()

{

string s;

int a, b, p, k;

cin >> a >> b >> k;

p = a+b;

s = "1";

while (k)

{

s = mul(s, p);

k--;

}

cout << s << '\n';

return 0;

}