#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

long long sd=0,h;

int k;

int c;

do{

c=getchar();

if(c != ' ')

sd += c -'0';

}while(c != ' ');

scanf("%d",&k);

sd \*= k;

while(sd > 10){

h=0;

while(sd > 0){

h+= sd %10;

sd = sd /10;

}

sd =h;

}

printf("%lld\n",sd);

return 0;

}