#include <stdio.h>

#include <iostream>

using namespace std;

int main(void) {

int mat[3] ;

int matri[3][3]= {{4,6,7},{8,2,3},{1,2,5}};

int vect[3] = {2,4,3};

int aux = 0;

for(int i=0; i < 3; i++)

{

aux = 0;

for(int j =0; j <3; j++)

{

aux += matri[i][j]\*vect[j];

mat[i] = aux;

}

}

for(int i =0; i < 3; i++)

{

cout << mat[i] << endl;

}

}