#include <iostream>

using namespace std;

int main() {

double mowing; //Cost for mowing will be calculated later where an assumed base cost of $35 will be used

double fertilizing; //Cost for fertilizing will be calculated later

double treePlanting; //Cost for planting a tree will be calculated later

double lawnArea; //Area of the lawn will be entered by user

double numFertApps; //Number of fertilizing applications will be entered by user

double numTrees; //Number of trees to be planted

double total; //Total billing cost for services

cout << "Enter the area of the lawn in square yards: ";

cin >> lawnArea;

cout << "Enter the number of fertilizing applications: ";

cin >> numFertApps;

cout << "Enter the number of trees: ";

cin >> numTrees;

int lawnAreaRounded = (int)lawnArea / 5000; //Rounding area for mowing price calculation

mowing = (35.0 \* lawnAreaRounded) + 35.0; //Mowing cost is $35 per 5,000 square yards + an assumed base cost of $35

fertilizing = 30.0 \* numFertApps; //Fertilizing cost is $30 per application

treePlanting = 50.0 \* numTrees; //Cost for planting a tree is $50 per tree

total = mowing + fertilizing + treePlanting;

cout << "The cost for mowing is $" << mowing << "\n"; //Display mowing cost

cout << "The cost for fertilizing is $" << fertilizing << "\n"; //Display fertilizing cost

cout << "The cost for planting trees is $" << treePlanting << "\n"; //Display tree planting cost

cout << "The total is $" << total << "\n"; //Display total

system("pause");

return 0;

}