```cpp
//Kalli Bonin and Derek Broekhoven
//Question 3 - Paving Stones

#include <iostream>
#include <cmath>
#include <cstdlib>
#include <fstream>

using namespace std;

const double TOL_SIDE = 0.7;
const double TOL_ANGLE = 0.5;

int main()
{
    ifstream fin("stones.txt");
    ofstream fout("shapes.txt");

    if (!fin || !fout)
    {
        cout << "Could not open file.";
        return EXIT_FAILURE;
    }

    int numStones = 0;
    fin >> numStones;

    for (int i = 0; i < numStones; i++)
    {
        double a = 0, b = 0, angle = 0;

        fin >> a >> b >> angle;

        if (fabs(a-b) < TOL_SIDE)
        {
            if (fabs (angle - 90) < TOL_ANGLE)
                fout << "Square" << endl;
            else
                fout << "Rhombus" << endl;
        }
        else
        {
            if (fabs (angle - 90) < TOL_ANGLE)
                fout << "Rectangle" << endl;
            else
                fout << "Parallelogram" << endl;
        }

    }

    fin.close();
    fout.close();

    return EXIT_SUCCESS;
}
```