Problem C. Geometry

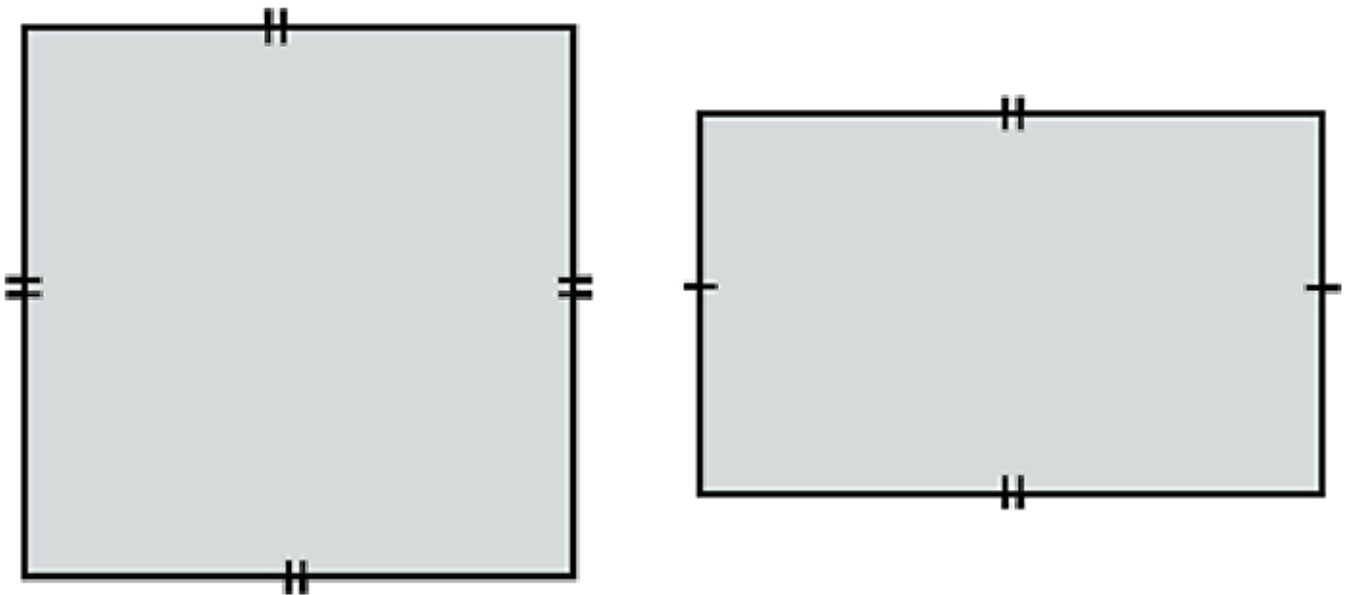|	
Time limit	1000 ms
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OS	Windows

Geometry is a very important field in mathematics, Squares and rectangles are essential shapes in geometry, both of them have 4 right angles, but a square is a special case of a rectangle where width and height are the same.

The figure below shows a square on the left and a rectangle on the right:

If you have the width and the height of a 4 right angled shape, can you figure out if it is a square or a rectangle?

Input

The first line contains T, the number of test cases, for each test case there is a line with two integers ($1 \leq w, h \leq 1,000,000$) representing width and height, respectively.

Output

For each test case, print one line consists of 'Square' if the shape is a square, otherwise print 'Rectangle' if it is a rectangle.

Sample 1

Input	Output
3 10 10 13 200 300 300	Square Rectangle Square