Does the point belong to the circumference?

Cost: 3 | Solved: 192

Memory limit: 256 MB

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

Check if the point **A** belongs to the circumference.

Input:

Contains 5 integer numbers: coordinates of the circumference's centre (x_o, y_o), the circumference's radius (r) and the coordinates of the point **A**(x_A, y_A).

Output:

If **A** belongs to the circumference, output 1, otherwise output 0.

Example:

Input	Output
5 2 5 8 6	1
-1000 -1000 1000 0 0	0