

Shoots and SPACE-LADDERS

While exploring the future, Seymore Time Traveler discovered a new technology — FUTER-SPACE-PORTAL technology!

Description

Our hero, again, is in a predicament of laziness. He has discovered many world, connected together by *SPACE WORMHOLE THINGS*! He would love to travel through them. . . but he doesn't want to travel through *too* many wormholes (because that sounds hard).

Your task, should you choose to accept it, is to find the shortest path from the starting world, to the destination of Seymore's choice.

Example Input/Output

```
input: 0 360
output: 0.0

input: 320 200
output: -8.0
```