#    These are just to make the map easier for me to read.

#   " M" is visually more dense than "o".

M = 'land'

o = 'water'

world = [ [o, o, o, o, o, o, o, o, o, o, o], #0 array

[o, o, o, o, M, M, o, o, o, o, o], #1 array

[o, o, o, o, o, o, o, o, M, M, o], #2 array

[o, o, o, M, o, o, o, o, o, M, o], #3 array

[o, o, o, M, o, M, M, o, o, o, o], #4 array

[o, o, o, o, M, M, M, M, o, o, o], #5 array

[o, o, o, M, M, M, M, M, M, M, o], #6

[o, o, o, M, M, o, M, M, M, o, o],

[o, o, o, o, o, o, M, M, o, o, o],

[o, M, o, o, o, M, o, o, o, o, o],

[o, o, o, o, o, o, o, o, o, o, o]]

def continent\_size world, x, y

if world[y][x] != 'land'

return 0

end

size = 1

world[y][x] = 'counted land'

size = size + continent\_size(world, x-1, y-1)

size = size + continent\_size(world, x, y-1)

size = size + continent\_size(world, x+1, y-1)

size = size + continent\_size(world, x-1, y)

size = size + continent\_size(world, x+1, y)

size = size + continent\_size(world, x-1, y+1)

size = size + continent\_size(world, x, y+1)

size = size + continent\_size(world, x+1, y+1)

size

end

puts continent\_size(world, 5, 5)