Problem C- Cutting Pizza

It is a popular practice to cut a circular pizza into a 4x4 grid, like in the diagram. To be equitable, the best plan is to have all pieces on the outer edge of equal area.

Given the pizza's diameter is 16 inches across, compute x, the distance of the off-centre cut.

Input Specification:

There is no input.

Output Specification:

You will output the value of x, in inches, rounded to 4 decimal places.