

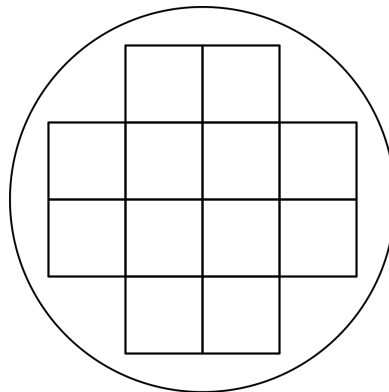
Problem 16 : Sorting guns

Statement

Pieck Finger (ピーク・フィンガー) is an Eldian titan who served as one of Marley's Warriors and possessed the power of the Cart Titan.

Pieck is on a mission to protect the **arms strap** that she puts on her back. The **arms strap** is a cylinder used to store stuff. Today, she wants to store a collection of guns inside to be safe, each gun is in its own cube.

The goal is to predict the number of guns we can store safely.



Input

r : radius of the cylinder.

l : length of one cube.



Output

The number of the maximum guns that can be inside the arms strap.

Example

Input	Output
10 14	1