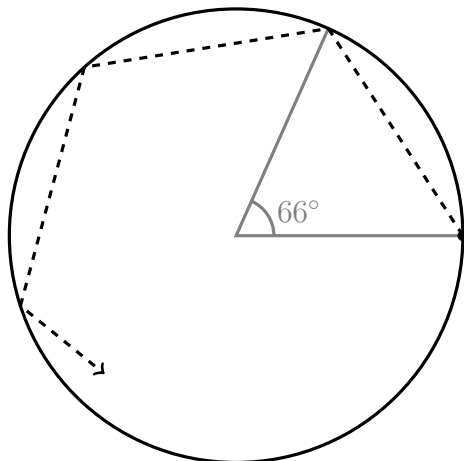# Challenge Problem 46: Bouncing Laser

A laser beam is fired inside a circle and bounces around the interior of the circle as pictured.

How many times will the laser bounce before it returns to its starting point?