Example, for n=6.

Only a ¼ of the circle centered in (0,0) with radius 6 is depicted. To obtain the total counts it is sufficient to multiply by 4: the ratio between uncut and cut tiles is not affected.



The number of cut tiles (in green)

is 11, the number of uncut tiles (in yellow) is 22. The ratio 22/11 = 2 is an integer, hence 6 is a term of the sequence.

The next term in the sequence is 15. In this case the ratio is 162/27 = 6.

