<https://codefights.com/challenge/v3S83Tbdm54s9hAxi>

Given a positive integer n, calculate the number of 2 × 2 [integer matrices](https://en.wikipedia.org/wiki/Integer_matrix) with [determinant](https://en.wikipedia.org/wiki/Determinant) 1 and all entries less than or equal to n in absolute value. Return the number modulo 109 + 7.

**Example**

* For n = 1, the output should be  
  determinantOne(n) = 20.  
  There are 20 2 × 2 matrices with determinant 1 and all entries less than or equal to 1 in absolute value:

[[-1, -1], [0, -1]], [[-1, -1], [1, 0]],

[[-1, 0], [-1, -1]], [[-1, 0], [0, -1]],

[[-1, 0], [1, -1]], [[-1, 1], [-1, 0]],

[[-1, 1], [0, -1]], [[0, -1], [1, -1]],

[[0, -1], [1, 0]], [[0, -1], [1, 1]],

[[0, 1], [-1, -1]], [[0, 1], [-1, 0]],

[[0, 1], [-1, 1]], [[1, -1], [0, 1]],

[[1, -1], [1, 0]], [[1, 0], [-1, 1]],

[[1, 0], [0, 1]], [[1, 0], [1, 1]],

[[1, 1], [-1, 0]], [[1, 1], [0, 1]]