A positive integer is *magical* if it is divisible by either a or b.

Given the three integers n, a, and b, return the nth magical number. Since the answer may be very large, **return it modulo**109 + 7.

**Example 1:**

**Input:** n = 1, a = 2, b = 3

**Output:** 2

**Example 2:**

**Input:** n = 4, a = 2, b = 3

**Output:** 6

**Example 3:**

**Input:** n = 5, a = 2, b = 4

**Output:** 10

**Example 4:**

**Input:** n = 3, a = 6, b = 4

**Output:** 8

**Constraints:**

* 1 <= n <= 109
* 2 <= a, b <= 4 \* 104