Given an integer, write a function to determine if it is a power of three.

**Example 1:**

**Input:** 27

**Output:** true

**Example 2:**

**Input:** 0

**Output:** false

**Example 3:**

**Input:** 9

**Output:** true

**Example 4:**

**Input:** 45

**Output:** false

**Follow up:**  
Could you do it without using any loop / recursion?