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

Could you do it without using any loop / recursion?

**public** **class** **Solution** **{**

**public** **boolean** **isPowerOfThree(int** n**)** **{**

**if(n<3){**

**return false;**

**}**

**While(n%3==0){**

**N = n / 3;**

**}**

**Return n==1;**

**}**

**}**

**public** **class** **Solution** **{**

**public** **boolean** **isPowerOfThree(int** n**)** **{**

**return** **(**Math**.**log10**(**n**)** **/** Math**.**log10**(**3**))** **%** 1 **==** 0**;**

**}**

**}**

**public** **class** **Solution** **{**

**public** **boolean** **isPowerOfThree(int** n**)** **{**

**return** n **>** 0 **&&** 1162261467 **%** n **==** 0**;**

**}**

**}**