

Problem A. RGB Cards

Time limit 2000 ms

Mem limit 262144 kB

Problem Statement

AtCoDeer has three cards, one red, one green and one blue.

An integer between 1 and 9 (inclusive) is written on each card: r on the red card, g on the green card and b on the blue card.

We will arrange the cards in the order red, green and blue from left to right, and read them as a three-digit integer.

Is this integer a multiple of 4?

Constraints

- $1 \leq r, g, b \leq 9$

Input

Input is given from Standard Input in the following format:

r g b

Output

If the three-digit integer is a multiple of 4, print **YES** (case-sensitive); otherwise, print **NO**.

Sample 1

Input	Output
4 3 2	YES

432 is a multiple of 4, and thus **YES** should be printed.

Sample 2

Input	Output
2 3 4	NO

234 is not a multiple of 4, and thus **NO** should be printed.