Kenjeran Crossroad

Basic Programming IUP2022

At Kenjeran Crossroad there is a traffic light with below specifications:

- Red light will be turned on for **20**s
- Yellow light for **5**s, after red light
- Green light for **60**s, after yellow light

You are at the street, with **M** cars to your front and **N** cars behind you. To fill time, you create a program that can tell you whether or not you're able to pass the traffic light and how many cars are left at the road after **T** seconds. For every **5**s in green light, one car is able to pass the traffic light.

INPUT FORMAT

There are three integers **M**, **N**, and **T**, as explained in the problem statement.

CONSTRAINTS

$1 \leq M \leq 100$

$1 \leq N \leq 100$

$1 \leq T \leq 1000$

OUTPUT FORMAT

Display "YES!" if you are able to pass the traffic light, "NO!" otherwise. Display the number of cars left behind on the same line. If all cars pass the traffic light, display 0 instead.

EXAMPLE INPUT AND OUTPUT

Sample input 1

45 12 200

Sample output 1

Output: NO! 33

Sample input 2

45 48 630

Sample output 2

Output: YES! 8