1. **Measuring the Object**

Walter is playing with weights. He has an object weighing W units. He also has three weights each of X, Y and Z units respectively. Help him determine whether he can measure the exact weight of the object with one or more of these weights.

If it is possible to measure the weight of object with one or more of these weights, print YES, otherwise print NO.

Input Format:
The only line of input contains W, X, Y and Z respectively.

Output Format:
YES, if it's possible to measure the weight of the object W using one or more of these weights (X, Y and Z)
NO, otherwise.

Sample I/O:

Input 1:
5 2 1 6

Output 1:
NO

Input 2:
7 9 7 2

Output 2:
YES

Input 3:
20 8 10 12

Output 3:
YES

Input 4:
20 10 11 12

Output 4:
NO

Explanation:
Input 1: It is not possible to measure 5 units using any combination of given weights.

Input 2: Walter can use the second weight of 7 units to measure the object exactly.

Input 3: Walter can use the combination of first and third weights to measure 8 + 12 = 20 units.

Input 4: Walter cannot measure 20 units of weight using any combination of given weights.

2. **Greatest Common Divisor**

Find out the **GCD or HCF** of two given numbers.

Input Format:
A single line input contains two space separated integers A and B.

Output Format:
Print the GCD of given two integers.

Sample I/O:

Input 1:
12 24
Output 1:
12

Input 2:
13 17
Output 2:
1

Input 3:
12 18
Output 3:
6