

# Get me correct

We already know the answer to *Life, the universe and everything*. It's the number 42. Now, we would like to know if a set of numbers satisfy this answer or not. We say the set satisfies if all the members of the set are divisible by this answer.

## Input

There are going to be 6 members in the set to be tested. Each line specifies one member by an integer which fits into 32-bits.

## Output

Print "Yes" if it satisfies, "No" otherwise.

## Example

### Input:

```
42
42
84
0
126
1764
```

### Output:

```
Yes
```