

```
a=list(map(int,input("enter the ele: ").split()))
```

```
for i in range(len(a)):
```

```
    while a[i]%2==0:
```

```
        a[i]//=2
```

```
    while a[i]%3==0:
```

```
        a[i]//=3
```

```
    if a[i]!=a[0]:
```

```
        print("NO")
```

```
        break
```

```
else:
```

```
    print("YES")
```