

# Divisors 2

Let  $N$  be a positive integer and  $d(N)$  be the number of positive divisors of  $N$  including 1 and  $N$ . Your task is to compute all  $N$  in  $[1, 10^6]$  for which  $d(N) > 3$  and if  $M$  divides  $N$  then  $d(M)$  divides  $d(N)$  too.

## Input

None.

## Output

To make the problem less output related write out only every 108-th of them, one per line.

## Example

### Output:

267

511

753

...

999579

999781

999977