#include <bits/stdc++.h>

using namespace std;

void primeFactors(int n)

{

// Print the number of 2s that divide n

while (n % 2 == 0)

{

cout << 2 << " ";

n = n/2;

}

for (int i = 3; i <= sqrt(n); i = i + 2)

{

while (n % i == 0)

{

cout << i << " ";

n = n/i;

}

}

if (n > 2)

cout << n << " ";

}

int main()

{

int n = 315;

primeFactors(n);

return 0;

}