

project euler 0003

June 12, 2023

The prime factors of 13195 are 5, 7 and 29.

What is the largest prime factor of the number 600851475143 ?

Final result : 6857

```
[16]: # SageMath has a built-in function to get the list of the prime  
# factors of any number so the result is very straightforward  
list_prime_factors = prime_factors(600851475143)  
show(list_prime_factors[-1])
```

6857