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```cpp
#include <iostream>
#include <cmath>

template < size_t ... Ns >
struct index_seq
{
    static void print()
    {
        size_t number[] = { Ns... };
        for (const auto& num : number)
        {
            std::cout << num << " ";
        }
        std::cout << std::endl;
    }
}
```

Not required

4, 3, 0

3, 0, 3^4

4 , 3

```cpp
template < size_t power, size_t num, Rest ...>
constexpr auto make_seq_impl ()
{
    if constexpr ( power != 0 )
    {
        return make_seq_impl < power-1, Rest ... ;
    }
    else
    {
        return index_seq < Rest... , 1> {};
    }
}
```

3 * 3 * 3

pow (num, power-1)) > 0;

Undefined
or not constexpr (<cmath>).

4 , 3

```cpp
template < size_t N, size_t M>
using seq = decltype ( make_seq_impl < N, M > () );
```

(A)

Easy implementation :

| 1 |
3	1
9	3,	1
27	9	3,	1
81	27	9	3,	1

(Rest *N) ... , 1