

## Introduction

In the following examples, user input is shown in blue. Results are shown in black.

Example 1. Compute  $212^{17}$ .

```
212^17
```

```
3529471145760275132301897342055866171392
```

Example 2. Compute  $212^{17}$  and save as  $N$ , then show the value of  $N$ .

```
N = 212^17
```

```
N
```

```
N = 3529471145760275132301897342055866171392
```

Example 3. Compute the 17th root of  $N$ .

```
N^(1/17)
```

```
212
```