

Reference > min()

min()

Returns the smallest value in a sequence of numbers.

The version of `min()` with one parameter interprets it as an array of numbers and returns the smallest number.

The version of `min()` with two or more parameters interprets them as individual numbers and returns the smallest number.

Examples



```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Calculate the minimum of 10, 5, and 20.
  let m = min(10, 5, 20);

  // Style the text.
  textAlign(CENTER);
  textSize(16);

  // Display the min.
  text(m, 50, 50);

  describe('The number 5 written in the middle of a gray square.');
```



```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Create an array of numbers.
  let numbers = [10, 5, 20];

  // Calculate the minimum of the array.
  let m = min(numbers);

  // Style the text.
  textAlign(CENTER);
  textSize(16);

  // Display the min.
  text(m, 50, 50);

  describe('The number 5 written in the middle of a gray square.');
```

Syntax

```
min(n0, n1)
```

```
min(nums)
```

Parameters

n0	Number: first number to compare.
n1	Number: second number to compare.
nums	Number[]: numbers to compare.

Returns

Number: minimum number.

This page is generated from the comments in [src/math/calculation.js](#) . Please feel free to edit it and submit a pull request!

Related References

abs Calculates the absolute value of a number.	ceil Calculates the closest integer value that is greater than or equal to a number.	constrain Constrains a number between a minimum and maximum value.	dist Calculates the distance between two points.
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p5.js

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