

Reference > floor()

floor()

Calculates the closest integer value that is less than or equal to the value of a number.

Examples



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

  // Use RGB color with values from 0 to 1.
  colorMode(RGB, 1);

  noStroke();

  // Draw the left rectangle.
  let r = 0.8;
  fill(r, 0, 0);
  rect(0, 0, 50, 100);

  // Round r down to 0.
  r = floor(r);

  // Draw the right rectangle.
  fill(r, 0, 0);
  rect(50, 0, 50, 100);

  describe('Two rectangles. The one on the left is bright red and the one on the right is black.');
```

Syntax

```
floor(n)
```

Parameters

n Number: number to round down.

Returns

Integer: rounded down 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.

p5.js

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