Eqalc

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Convert math equations to functions.

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About

I created this package, because I thought it was very annoting to have to write down the equation in both math notation and code. This package allows you to write down the equation in math notation and convert it to a function.

Part II

Usage

#math-to-func(⟨math⟩: "equation")

This function converts a math equation to a function.

```
#math-to-func($x^2 + 2x + 1$)
```

⟶ #{calc.pow(x^2) + 2*x + 1}

#math-to-code(⟨math⟩: "equation")

This function converts a math equation to a code block.

```
#math-to-func($x^2 + 2x + 1$)
```

⟶ #raw(lang: "typ")[calc.pow(x^2) + 2*x + 1]

#func-to-table(
  ⟨f⟩: "function",
  ⟨min⟩: "number: 0",
  ⟨max⟩: "number: 5",
  ⟨step⟩: "number: 1",
  ⟨round⟩: "number: 2"
)

This function converts a function to a table.

```
#func-to-table(x => calc.pow(x, 2))
```

x	0	1	2	3	4
$f(x)$	0	1	4	9	16

Part III

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