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Under/Over

Delimiters above or below parts of an equation.

The braces and brackets further allow you to add an optional annotation below or above themselves.

Functions

`underline` Element ⓘ

A horizontal line under content.

< View example

```
$ underline(1 + 2 + ... + 5) $
```

$$\underline{1 + 2 + \dots + 5}$$

```
math.underline( content ) -> content
```

body **content** Required Positional ⓘ

The content above the line.

`overline` Element ⓘ

A horizontal line over content.

< View example

```
$ overline(1 + 2 + ... + 5) $
```

$$\overline{1 + 2 + \dots + 5}$$

```
math.overline( content ) -> content
```

body **content** Required Positional ⓘ

The content below the line.

`underbrace` Element ⓘ

A horizontal brace under content, with an optional annotation below.

< View example

```
$ underbrace(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\underbrace{0 + 1 + \dots + n}_{n+1 \text{ numbers}}$$

```
math.underbrace(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content above the brace.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content below the brace.

Default: **none**

`overbrace` Element ⓘ

A horizontal brace over content, with an optional annotation above.

< View example

```
$ overbrace(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\overbrace{0 + 1 + \dots + n}^{n+1 \text{ numbers}}$$

```
math.overbrace(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content below the brace.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content above the brace.

Default: **none**

`underbracket` Element ⓘ

A horizontal bracket under content, with an optional annotation below.

< View example

```
$ underbracket(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\underbrace{0 + 1 + \dots + n}_{n+1 \text{ numbers}}$$

```
math.underbracket(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content above the bracket.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content below the bracket.

Default: **none**

`overbracket` Element ⓘ

A horizontal bracket over content, with an optional annotation above.

< View example

```
$ overbracket(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\overbrace{0 + 1 + \dots + n}^{n+1 \text{ numbers}}$$

```
math.overbracket(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content below the bracket.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content above the bracket.

Default: **none**

`underparen` Element ⓘ

A horizontal parenthesis under content, with an optional annotation below.

< View example

```
$ underparen(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\underbrace{0 + 1 + \dots + n}_{n+1 \text{ numbers}}$$

```
math.underparen(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content above the parenthesis.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content below the parenthesis.

Default: **none**

`overparen` Element ⓘ

A horizontal parenthesis over content, with an optional annotation above.

< View example

```
$ overparen(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\overbrace{0 + 1 + \dots + n}^{n+1 \text{ numbers}}$$

```
math.overparen(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content below the parenthesis.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content above the parenthesis.

Default: **none**

`undershell` Element ⓘ

A horizontal tortoise shell bracket under content, with an optional annotation below.

< View example

```
$ undershell(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\underset{\sim}{0 + 1 + \dots + n}$$

```
math.undershell(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content above the tortoise shell bracket.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content below the tortoise shell bracket.

Default: **none**

`overshell` Element ⓘ

A horizontal tortoise shell bracket over content, with an optional annotation above.

< View example

```
$ overshell(0 + 1 + dots.c + n, n + 1 "numbers") $
```

$$\overset{\sim}{0 + 1 + \dots + n}$$

```
math.overshell(  
  content ,  
  none content ,  
) -> content
```

body **content** Required Positional ⓘ

The content below the tortoise shell bracket.

annotation **none** or **content** Positional ⓘ Settable ⓘ

The optional content above the tortoise shell bracket.

Default: **none**

