

Javascript in Expressions

One liners will be evaluated.

```
4 + 4  
8
```

If you have a multi-line expression, use return at the end.

```
var x = 32;  
return x * x;  
1024
```

All of the javascript Math constants and methods are in scope.

```
abs(-3) + sin(PI)  
3
```

Additionally, the constant TAU is in scope.

```
cos(TAU / 6)  
0.5
```

A color utility function rgba(r, g, b, a) is in scope.

```
rgba(1.0, 0.5, 0.5, 0.5)  
"rgba(255, 128, 128, 0.5)"
```

Use spread to create spreads.

Create a range:

```
spread(0, 5)  
0, 1, 2, 3, 4
```

Create a range with an increment:

```
spread(0, 5, 0.5)  
0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5
```

Turn a javascript array into a spread:

```
spread([0, 2, 3, 5])  
0, 2, 3, 5
```