Units of measure

Symbols can be used for units of measure.

```
v = 1.2 meter / second
v
```

$$\frac{1.2\, m_{eter}}{s_{econd}}$$

Assign strings to unit symbols for improved display appearance.

```
meter = "m"
second = "s"
v
```

$$\frac{1.2\, \text{m}}{\text{s}}$$

Derived units can be handled by converting to base units.

```
h = 6.626 10^(-34) joule second
joule = kilogram meter^2 / second^2
kilogram = "kg"
h
```

$$h = \frac{6.626 \times 10^{-34}\, \text{kg}\, \text{m}^2}{\text{s}}$$

Here is a trick for displaying derived units. In this example, convert joules to string "J".

```
h "J" / joule
```

$$6.626 \times 10^{-34}\, \text{J}\, \text{s}$$

See the following link for a script with recommended physical values in SI units.

```
https://georgeweigt.github.io/examples/physical-constants.html
```