

### [10.3] Remove units from numbers

Suppose  $x$  is a number with an associated unit, for example,  $1.2\_m$ . To extract just the numeric value, use

```
part(x,1)
```

To extract just the units, use

```
part(x,2)
```

For example,

```
part(1.2_m,1)    returns    1.2
part(1.2_m,2)    returns    1*_m
```

This also works for compound units, for example

```
part(1.2_m*_s/_mol,2)    returns     $\frac{1\_m\_s}{1\_mol}$ 
```