

# Unit Conversions

## Metric Prefixes

Symbol	Prefix	Factor

### Example

Convert 5 ML to mL

## Factor-Label Method of Unit Conversion

- Key Ideas:
  - A fraction with a numerator equal to the denominator is equal to 1.
  - Multiplying by 1 does not change a value.
  - Units can cancel out just like numbers and variables.

### Example

a) Convert 0.05 ML to L

b) Convert 9 weeks to seconds

c) Convert 50 km/h to m/s