

Temperature Conversion Formulas

The below information is reproduced from the extensive reference section of the website
<http://home.mchsi.com/~gweidner/site>.

To Convert °F to °C

Subtract 32 from the °F, then divide by 1.8:

$$^{\circ}\text{C} = \frac{(^{\circ}\text{F} - 32)}{1.8}$$

Example: Convert 185 °F to °C.

Using the above formula:

$$^{\circ}\text{C} = \frac{(185 - 32)}{1.8} = 85^{\circ}\text{C}$$

To Convert °C to °F

Multiply the °C by 1.8, then add 32:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

Example: Convert 24 °C to °F.

Using the above formula:

$$^{\circ}\text{F} = (1.8 \times 24) + 32 = 75.2^{\circ}\text{F}$$