**Temperature Conversion Formulas**

**Convert temperature °Fahrenheit (F) to °Centigrade or Celsius (C)**

**OR**

°C = °F — 32 x 0.5556

Case : Convert 95 °F to °C :

**OR**

0 C = 95 - 32 x 0.5556

= 35

**Convert temperature °Centigrade or Celsius (C) to °Fahrenheit**

**OR**

0 F = °C x 1.8 + 32

Case : convert 24°C to °F :

**OR**

0 F = 24 x 1.8 + 32

= 75.2

**Convert temperature °Centigrade, Celsius (C) to °Kelvin (K)**

° K = °C + 273.16

Case : Convert 35°C to °K :

° K = 35 + 273.16

= 308.16

**Convert temperature °Fahrenheit (F) to °Rankine (R)**

0 R = °F + 459.69

Case : Convert 260°F to °R :

0 R = 260 + 459.69

= 719.69

**Rule of thumb formulas for temperature conversion**

a. Convert °F to OC

0 C = 0 F — 30 ÷ 2

Case : Convert 95°F to °C :

0 C = 95 — 30 ÷ 2

= 32.5

b. Convert °C to °F

0 F = OC + OC + 30

Case : Convert 24°C to °F :

0 F = 24 + 24 + 30

= 78