

Table 3: Temperature Conversions

| Scale | To Kelvin | From Kelvin | Scale | To Celsius | From Celsius |
|------------|------------------------------------|--------------------------------------|------------|---|---|
| Celsius | $K = ^\circ C + 273.15$ | $^\circ C = K - 273.15$ | Fahrenheit | $^\circ C = (^\circ F - 32) \div 1.8$ | $^\circ F = (1.8 \times ^\circ C) + 32$ |
| Fahrenheit | $K = (^\circ F + 459.67) \div 1.8$ | $^\circ F = (K \times 1.8) - 459.67$ | Rankine | $^\circ C = (^\circ R \div 1.8) - 273.15$ | $^\circ R = 1.8 \times (^\circ C + 273.15)$ |
| Rankine | $K = ^\circ R \div 1.8$ | $^\circ R = 1.8 \times K$ | Kelvin | $^\circ C = K - 273.15$ | $K = ^\circ C + 273.15$ |

| Scale | To Rankine | From Rankine | Scale | To Fahrenheit | From Fahrenheit |
|------------|---|---|---------|---|---------------------------------------|
| Celsius | $^\circ R = 1.8 \times (^\circ C + 273.15)$ | $^\circ C = (^\circ R \div 1.8) - 273.15$ | Celsius | $^\circ F = (1.8 \times ^\circ C) + 32$ | $^\circ C = (^\circ F - 32) \div 1.8$ |
| Fahrenheit | $^\circ R = ^\circ F + 459.67$ | $^\circ F = ^\circ R - 459.67$ | Rankine | $^\circ F = ^\circ R - 459.67$ | $^\circ R = ^\circ F + 459.67$ |
| Kelvin | $^\circ R = 1.8 \times K$ | $K = ^\circ R \div 1.8$ | Kelvin | $^\circ F = (1.8 \times K) - 459.67$ | $K = (^\circ F + 459.67) \div 1.8$ |