

**TABLE A-9—TEMPERATURE SCALE CONVERSIONS (from Ref. 3)**

To Convert	To	Solve
degree Fahrenheit, $T_F$	kelvin, $T_K$	$T_K = (T_F + 459.67)/1.8$
degree Rankine, $T_R$	kelvin, $T_K$	$T_K = T_R/1.8$
degree Fahrenheit, $T_F$	degree Rankine, $T_R$	$T_R = T_F + 459.67$
degree Fahrenheit, $T_F$	degree Celsius, $T_C$	$T_C = (T_F - 32)/1.8$
degree Celsius, $T_C$	kelvin, $T_K$	$T_K = T_C + 273.15$

The SI standard, the kelvin (K), is defined so that the triple point of water is 273.16 K exactly. The SI temperature symbol is written K, without a degree symbol. The cgs (and common) temperature unit is degree Celsius, °C; the common oilfield unit is degree Fahrenheit, °F, or degree Rankine, °R.