

81. We use $T_C = T_K - 273 = (5/9)[T_F - 32]$. The results are:

(a) $T = 10000^\circ\text{F}$;

(b) $T = 37.0^\circ\text{C}$;

(c) $T = -57^\circ\text{C}$;

(d) $T = -297^\circ\text{F}$;

(e) $28^\circ\text{C} = 82^\circ\text{F}$ (for example).