

Heat and Temperature Conversions

Absolute Temperature

$$K = ^\circ C + 273.15 \quad ^\circ C = K - 273.15$$

Heat

$$1 \text{ cal} = 4.184 \text{ J} \quad 1 \text{ kcal} = 4.184 \text{ kJ}$$

$$1 \text{ kcal} = 1000 \text{ cal} \quad 1 \text{ kJ} = 1000 \text{ J}$$