

2 Reken de volgende temperaturen om.

a $25\text{ }^{\circ}\text{C}$ = K

b $-4\text{ }^{\circ}\text{C}$ = K

c 4 K = $^{\circ}\text{C}$

d 293 K = $^{\circ}\text{C}$

Opgave 2

Bij omrekenen van temperaturen gebruik je de formule $T_{\text{Celsius}} = T_{\text{kelvin}} - 273,15$.

a $25 = T_{\text{kelvin}} - 273,15$

$T_{\text{kelvin}} = 298,15\text{ K}$

Afgerond: 298 K.

b $-4 = T_{\text{kelvin}} - 273,15$

$T_{\text{kelvin}} = 269,15\text{ K}$

Afgerond: 269 K.

c $T_{\text{Celsius}} = 4 - 273,15$

$T_{\text{Celsius}} = -269,15\text{ }^{\circ}\text{C}$

Afgerond: $-269\text{ }^{\circ}\text{C}$.

d $T_{\text{Celsius}} = 293 - 273,15$

$T_{\text{Celsius}} = 19,85\text{ }^{\circ}\text{C}$

Afgerond: $20\text{ }^{\circ}\text{C}$.