

De celsius a Fahrenheit /  $F = \frac{9C}{5} + 32$

## Ejercicios

1.  $30^{\circ}\text{C}$  a  $^{\circ}\text{F}$  y  $^{\circ}\text{K}$ .

2.  $20^{\circ}\text{F}$  a  $^{\circ}\text{C}$

3.  $273,15^{\circ}\text{K}$  a  $^{\circ}\text{C}$  y  $^{\circ}\text{F}$

4.  $97^{\circ}\text{C}$  a  $^{\circ}\text{K}$  y  $^{\circ}\text{F}$

5.  $37,5^{\circ}\text{C}$  a  $^{\circ}\text{F}$

## Solucion

1.  $\text{K} = -30 + 273,15 = 243,15^{\circ}\text{K}$

$$F = \frac{9(-30)}{5} + 32 = -22^{\circ}\text{F}$$

2.  $C = \frac{5(20 - 32)}{9} = -6,666^{\circ}\text{C}$


3.  $C = 273,15 - 273,15 = 0^{\circ}\text{C}$

$$F = \frac{9(273,15 - 273,15)}{5} + 32 = 32^{\circ}\text{F}$$

4.  $\text{K} = 97 + 273,15 = 370,15^{\circ}\text{K}$

$$F = \frac{9(97)}{5} + 32 = 206,6^{\circ}\text{F}$$




$$5 F = \frac{937.5}{5} + 32 = 99,5^{\circ}F$$