

Temperature Conversion

How to Change Fahrenheit to Celsius

We convert °F to °C by

Step 1-subtract 32

Step 2-multiply by 5

Step 3- then divide by 9

Solve.

a. $60^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

b. $32^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

c. $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

d. $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Example:

$$80^{\circ}\text{F} = 26.6^{\circ}\text{C}$$

$$\text{Step 1 } 80 - 32 = 48$$

$$\text{Step 2 } 48 \times 5 = 240$$

$$\text{Step 3 } 240 \div 9 = 26 \text{ r}6$$

If your answer has a remainder, turn your **answer** into a decimal number. The decimal point should come before the remainder number.

$$26 \text{ r}6 = 26.6$$

How to Change Celsius to Fahrenheit

We convert °C to °F by

Step 1 -Multiply by 9

Step 2- divide by 5

Step 3- then add 32

Solve.

a. $0^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

b. $100^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

c. $5^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

d. $10^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

Example:

$$20^{\circ}\text{C} = 68^{\circ}\text{F}$$

$$\text{Step 1 } 20 \times 9 = 180$$

$$\text{Step 2 } 180 \div 5 = 36$$

$$\begin{array}{r} \text{Step 3 } \quad 36 \\ \quad + 32 \\ \hline \quad 68 \end{array}$$