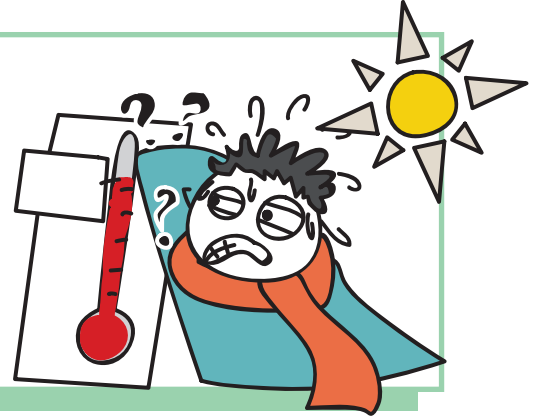


# Converting Temperature

Before leaving the house, Tim checked his thermometer. The thermometer read **34° Celsius**. 'Well, that must be cold!' Tim thought as he dressed warmly. When Tim left his house, he was surprised to find that it was hot and sunny outside! He thought he read his thermometer correctly, but Tim forgot to convert **Celsius** to **Fahrenheit**.

*Help Tim with a few temperature conversion exercises, so he won't repeat the same mistake twice!*



## Example

To convert **Celsius (C)** to **Fahrenheit (C)**, just follow these easy steps!

### step one

$$34\text{ }^{\circ}\text{C} = \frac{34}{1}$$

Convert 34 °C into a **fraction**

### step two

$$\frac{34}{1} \times \frac{9}{5} = \frac{306}{5}$$

Multiply the **fraction** by 9/5.

### step three

$$306 \div 5 = 61.2$$

Convert your **fraction** into a **decimal**

### final step

$$61.2 + 32 = 93.2\text{ }^{\circ}\text{F}$$

Add 32° to 61.2. This adjusts the offset in the Fahrenheit scale

1) 19 °C = **66.2 °F**

8) 40 °C = **104 °F**

2) 4 °C = **39.2 °F**

9) 91 °C = **195.8 °F**

3) 45 °C = **113 °F**

10) 53 °C = **127.4 °F**

4) 88 °C = **190.4 °F**

11) 47 °C = **116.6 °F**

5) 97 °C = **206.6 °F**

12) 22 °C = **71.6 °F**

6) 62 °C = **143.6 °F**

13) 50 °C = **122 °F**

7) 37 °C = **98.6 °F**

14) 86 °C = **186.8 °F**