Exercise 99

The weather in Europe was unusually warm during the summer of 1995. The TV news reported temperatures as high as 45 °C. What was the temperature on the Fahrenheit scale?

Solution

Use the formula to calculate the Fahrenheit temperature.

$$\text{°F} = \frac{9}{5}(\text{°C}) + 32.0$$

$$= \frac{9}{5}(45) + 32$$

$$= 81 + 32$$

$$= 113$$

Therefore, 45 °C = 113 °F.