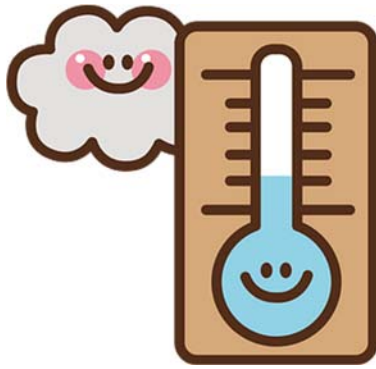


Name _____



World Weather Converter

Weather forecasts use different temperature scales depending on the country. The **Celsius scale (°C)** is common in most of the world, while the **Fahrenheit scale (°F)** is mainly used in the United States. To compare temperatures across regions, you need to convert between these two scales.

Formulas:

- **Celsius → Fahrenheit:** $(^{\circ}\text{C} \times 9/5) + 32 = ^{\circ}\text{F}$
- **Fahrenheit → Celsius:** $(^{\circ}\text{F} - 32) \times 5/9 = ^{\circ}\text{C}$

Part 1 - Celsius to Fahrenheit: International Destinations

Convert each city's reported **Celsius** temperature to **Fahrenheit**.

1. Reykjavik, Iceland - $2^{\circ}\text{C} \rightarrow$ _____ $^{\circ}\text{F}$
2. Nairobi, Kenya - $25^{\circ}\text{C} \rightarrow$ _____ $^{\circ}\text{F}$
3. New Delhi, India - $38^{\circ}\text{C} \rightarrow$ _____ $^{\circ}\text{F}$
4. Moscow, Russia - $-10^{\circ}\text{C} \rightarrow$ _____ $^{\circ}\text{F}$
5. Rome, Italy - $15^{\circ}\text{C} \rightarrow$ _____ $^{\circ}\text{F}$

Part 2 - Fahrenheit to Celsius: U.S. Cities

Convert each city's reported **Fahrenheit** temperature to **Celsius**.

6. Chicago, USA - $50^{\circ}\text{F} \rightarrow$ _____ $^{\circ}\text{C}$
7. Phoenix, USA - $104^{\circ}\text{F} \rightarrow$ _____ $^{\circ}\text{C}$
8. Seattle, USA - $59^{\circ}\text{F} \rightarrow$ _____ $^{\circ}\text{C}$
9. Denver, USA - $23^{\circ}\text{F} \rightarrow$ _____ $^{\circ}\text{C}$
10. Miami, USA - $82^{\circ}\text{F} \rightarrow$ _____ $^{\circ}\text{C}$