

Grade: 4

Category: Temperature

Subcategory: Converting between Fahrenheit and Celsius

Worksheet #: 23Q

conversion formulas:

- To convert Fahrenheit to Celsius: $(\text{Fahrenheit} - 32) \times \frac{5}{9} = \text{Celsius}$
- To convert Celsius to Fahrenheit: $(\text{Celsius} \times \frac{9}{5}) + 32 = \text{Fahrenheit}$

1. Temperature is 68°F. What is the temperature in Celsius?
2. The weather forecast shows 30°C for tomorrow. What is the temperature in Fahrenheit?
3. If it's 50°F outside, what is the equivalent temperature in Celsius?
4. The temperature in the morning was -4°C. What is this temperature in Fahrenheit?
5. The thermometer reads 95°F at noon. Convert this temperature to Celsius.
6. Sarah is visiting a country with a temperature of 25°C. How hot is it in Fahrenheit?
7. If the weather station reports 40°F, what is the temperature in Celsius?
8. The weather forecast says it will be 15°C tomorrow. Convert this temperature to Fahrenheit.
9. During the winter, the temperature dropped to -10°C. What is the equivalent temperature in Fahrenheit?
10. Today's high temperature is 85°F. What is the temperature in Celsius?

conversion formulas:

- To convert Fahrenheit to Celsius: $(\text{Fahrenheit} - 32) \times 5/9 = \text{Celsius}$
- To convert Celsius to Fahrenheit: $(\text{Celsius} \times 9/5) + 32 = \text{Fahrenheit}$

Temperature is 68°F. What is the temperature in Celsius?

Answer: The temperature is 20°C.

2. Question: The weather forecast shows 30°C for tomorrow. What is the temperature in Fahrenheit?

Answer: The temperature is 86°F.

3. Question: If it's 50°F outside, what is the equivalent temperature in Celsius?

Answer: The temperature is 10°C.

4. Question: The temperature in the morning was -4°C. What is this temperature in Fahrenheit?

Answer: The temperature is 24.8°F.

5. Question: The thermometer reads 95°F at noon. Convert this temperature to Celsius.

Answer: The temperature is 35°C.

6. Question: Sarah is visiting a country with a temperature of 25°C. How hot is it in Fahrenheit?

Answer: The temperature is 77°F.

7. Question: If the weather station reports 40°F, what is the temperature in Celsius?

Answer: The temperature is 4.4°C.

8. Question: The weather forecast says it will be 15°C tomorrow. Convert this temperature to Fahrenheit.

Answer: The temperature is 59°F.

9. Question: During the winter, the temperature dropped to -10°C. What is the equivalent temperature in Fahrenheit?

Answer: The temperature is 14°F.

10. Question: Today's high temperature is 85°F. What is the temperature in Celsius?

Answer: The temperature is 29.4°C.