

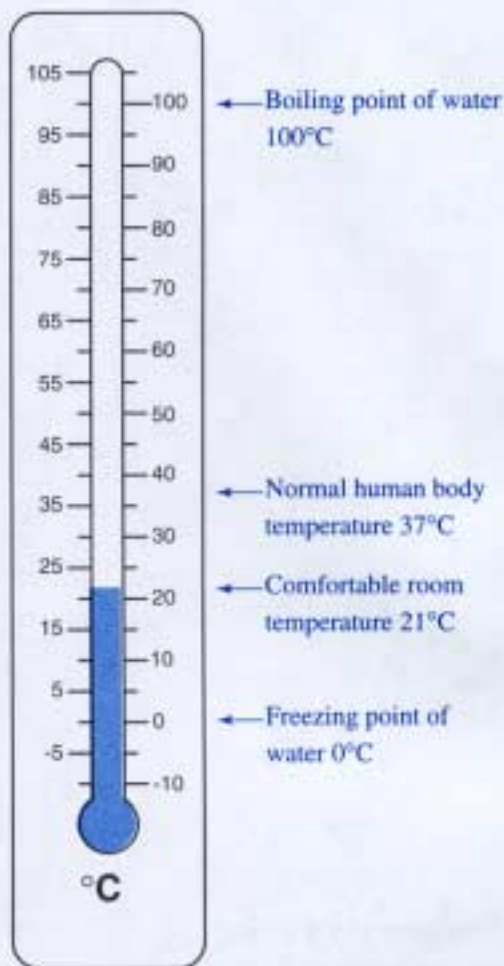
## Here's How

A Celsius thermometer is used to measure temperature in the metric system of measurement.

After sunset, the temperature dropped  $5^{\circ}\text{C}$ . The temperature was  $20^{\circ}\text{C}$  during the day. What was the temperature after sunset?

Add to find an increased temperature. Subtract to find a decreased temperature.

$$\begin{aligned} \blacktriangleright \quad & 20^{\circ}\text{C} - 5^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{C} \\ & 20 - 5 = 15 \\ & 20^{\circ}\text{C} - 5^{\circ}\text{C} = 15^{\circ}\text{C} \end{aligned}$$



## Try These

- Ring the most reasonable temperature for skiing.  
 $-6^{\circ}\text{C}$      $5^{\circ}\text{C}$      $10^{\circ}\text{C}$      $25^{\circ}\text{C}$

Add or subtract to find each new temperature.

- The temperature rose  $3^{\circ}\text{C}$  from  $20^{\circ}\text{C}$ .

What is the new temperature? \_\_\_\_\_

- Charisse lowered the thermostat to  $19^{\circ}\text{C}$ . It had been set at  $22^{\circ}\text{C}$ . How many degrees did she lower the thermostat?

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The logo consists of the words "Go Ahead" in a white, italicized serif font, set against a dark blue oval background. A white swoosh underline is positioned below the oval, starting from the left and curving under the text.

Ring the most reasonable temperature for each of the following.

1. a warm day

5°C    10°C    15°C    30°C

2. baking bread in an oven

150°C    20°C    85°C    75°C

3. a glass of cold lemonade

45°C    25°C    3°C    -5°C

4. making ice for an outdoor ice rink

36°C    16°C    6°C    -6°C

Add or subtract to solve each problem.

5. The temperature dropped  $4^{\circ}\text{C}$  from  $28^{\circ}\text{C}$  over the weekend. What was the new temperature?

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6. In Knoxville, Tennessee, the average monthly temperature is  $3.4^{\circ}\text{C}$  in January and  $25.3^{\circ}\text{C}$  in July. What is the difference in the average temperatures?

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7. The highest recorded temperature in the world was  $58^{\circ}\text{C}$  in Libya in 1922. The highest recorded temperature in Europe was in Spain in 1881. That temperature was  $8^{\circ}\text{C}$  lower than the world record. What was the highest temperature recorded in Europe?

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8. Luisa said that the temperature was  $-11^{\circ}\text{C}$ . How many degrees below freezing was the temperature?

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9. It was  $4^{\circ}\text{C}$  warmer in Phoenix than it was in Boston. If the temperature in Boston was  $30^{\circ}\text{C}$ , what was the temperature in Phoenix?

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