

## TEMPERATURE

### What Is Temperature?

- Temperature is the measure of how hot or cold something is.
- Temperature is how the weather is measured.
- Temperature is measured with a thermometer.
- Temperature is measured in degrees Celsius ( $^{\circ}\text{C}$ ) or degrees Fahrenheit ( $^{\circ}\text{F}$ ).

### How to find the temperature:

- The liquid in a thermometer grows bigger when heated and gets smaller when cooled. The only way the liquid can go is up or down.

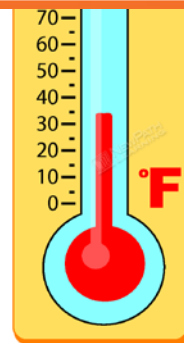
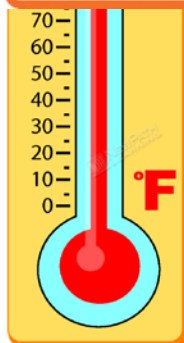
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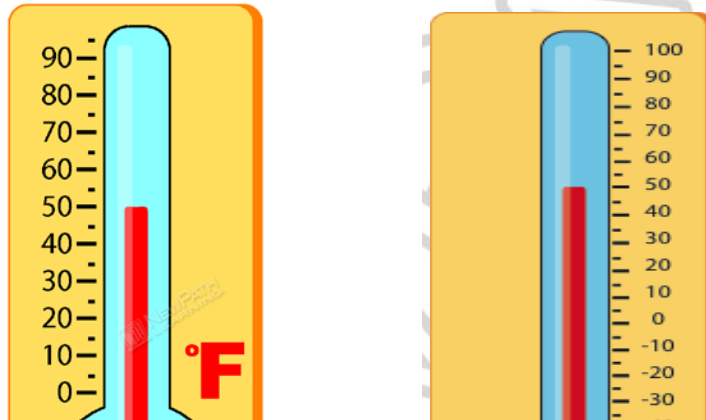
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Both of these thermometers show temperatures in **degrees Fahrenheit**. The thermometer on the left shows  $80^{\circ}\text{F}$  while the thermometer on the right shows  $35^{\circ}\text{F}$ . Since  $80^{\circ}\text{F}$  is warmer than  $35^{\circ}\text{F}$ , the liquid in the thermometer on the left is higher than the thermometer on the right.

- **Celsius** is a part of the metric system. Measuring the temperature in degrees Celsius is very similar to measuring in degrees Fahrenheit. The only difference is the number of degrees.

For example:





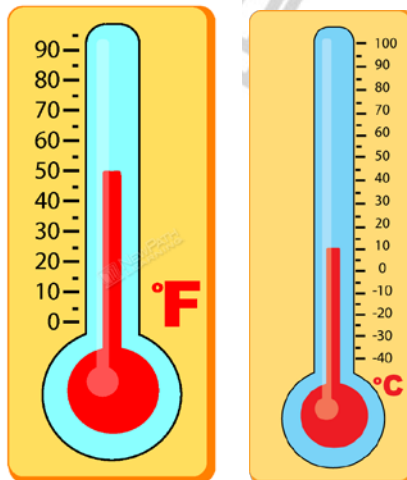
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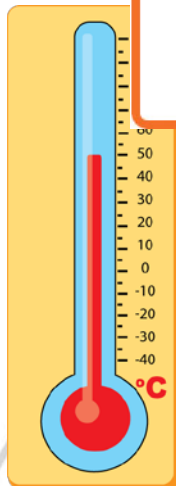
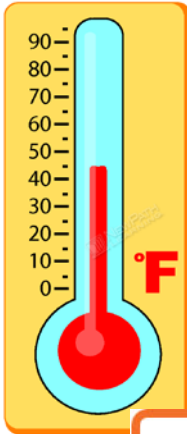
thermometer  
e same,



Here the thermometer on the left is again showing 50°F while the thermometer on the right is showing 10°C. Now these two thermometers are showing the same temperature.

## Try This!

- Write the correct temperature on the line. Circle the proper form of measurement.



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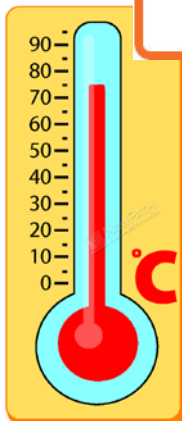
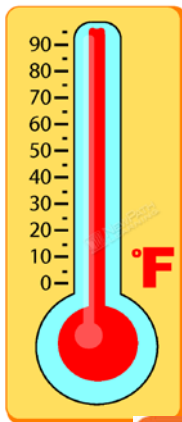
°C

°F

°C

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°C

°F

°C