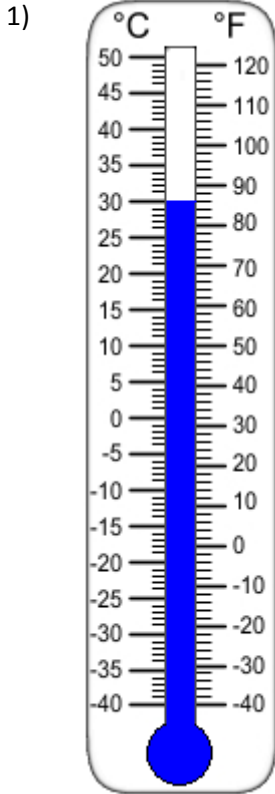


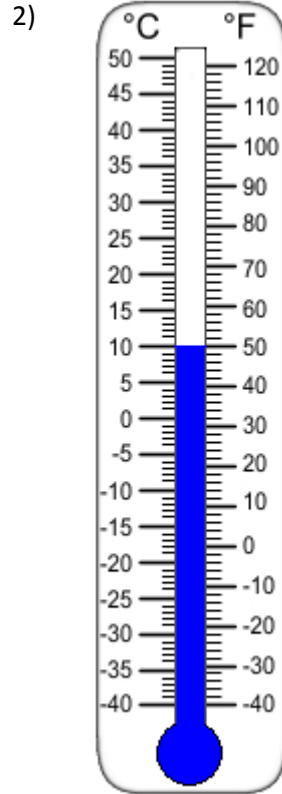
### Temperature Conversion

Celsius to Fahrenheit: ES1

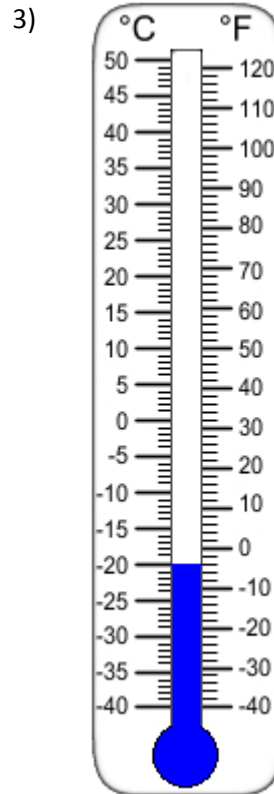
Read the thermometer and convert Celsius into Fahrenheit



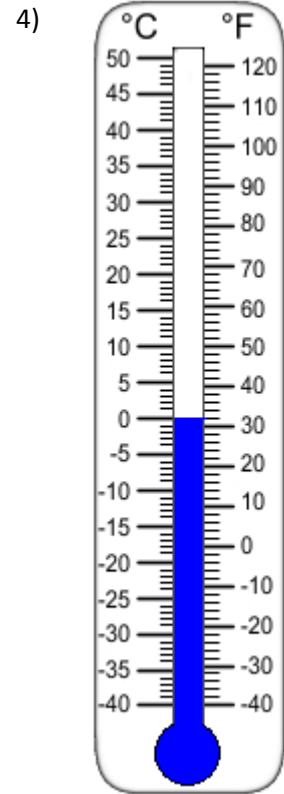
$$30\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$



$$10\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$



$$-20\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$



$$0\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$

Example: Convert  $15\text{ }^{\circ}\text{C}$  into  $^{\circ}\text{F}$ .

$$\mathbf{F = 1.8 C + 32}$$

Using this formula,  $F = 1.8 (15) + 32 = 27 + 32 = \mathbf{59}\text{ }^{\circ}\text{F}$

Convert Celsius into Fahrenheit

5)  $35\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

6)  $50\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

7)  $20\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

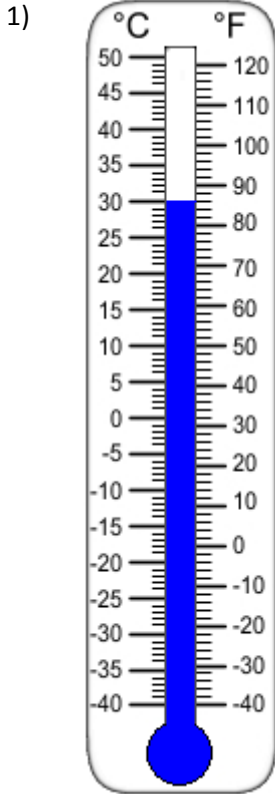
8)  $65\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

9)  $90\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

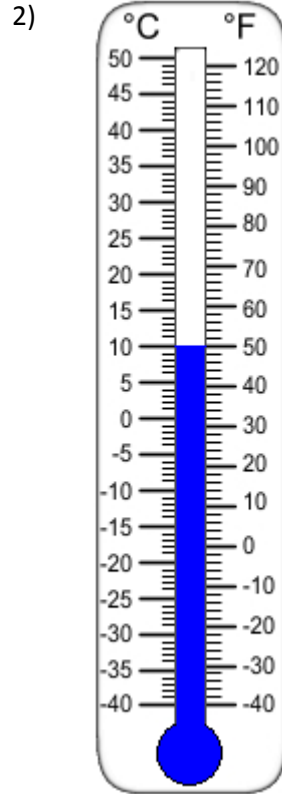
10)  $80\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

**Answer Key****Temperature Conversion**

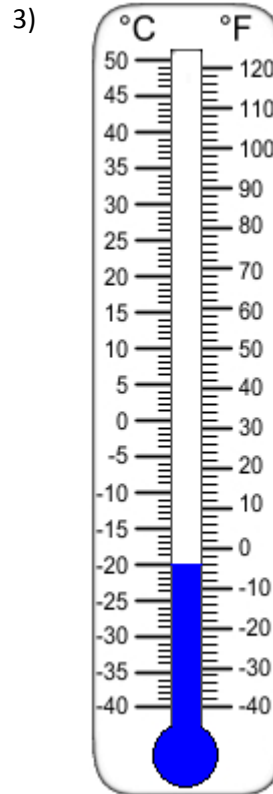
Celsius to Fahrenheit: ES1

Read the thermometer and convert Celsius into Fahrenheit

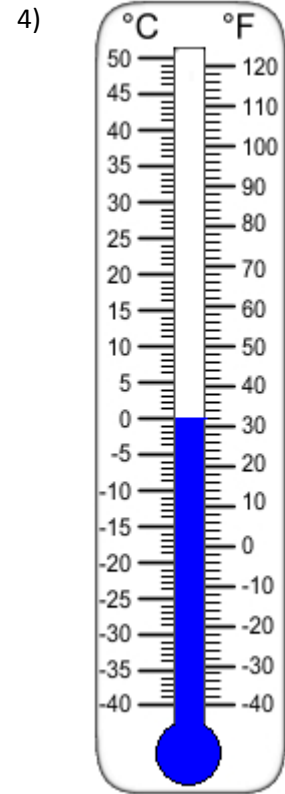
$$30^{\circ}\text{C} = 86^{\circ}\text{F}$$



$$10^{\circ}\text{C} = 50^{\circ}\text{F}$$



$$-20^{\circ}\text{C} = -4^{\circ}\text{F}$$



$$0^{\circ}\text{C} = 32^{\circ}\text{F}$$

Example: Convert  $15^{\circ}\text{C}$  into  $^{\circ}\text{F}$ .

$$\mathbf{F = 1.8 C + 32}$$

Using this formula,  $F = 1.8 (15) + 32 = 27 + 32 = 59^{\circ}\text{F}$

Convert Celsius into Fahrenheit

5)  $35^{\circ}\text{C} = 95^{\circ}\text{F}$

6)  $50^{\circ}\text{C} = 122^{\circ}\text{F}$

7)  $20^{\circ}\text{C} = 68^{\circ}\text{F}$

8)  $65^{\circ}\text{C} = 149^{\circ}\text{F}$

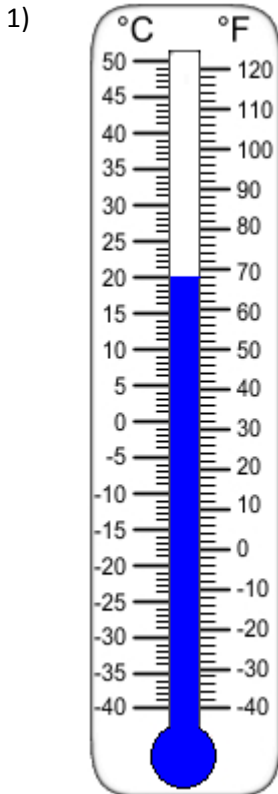
9)  $90^{\circ}\text{C} = 194^{\circ}\text{F}$

10)  $80^{\circ}\text{C} = 176^{\circ}\text{F}$

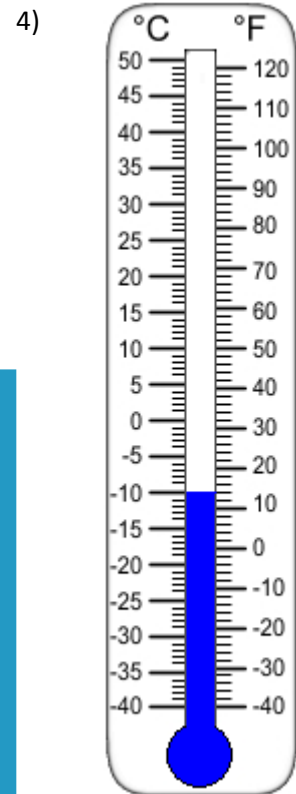
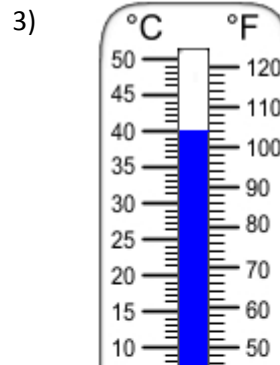
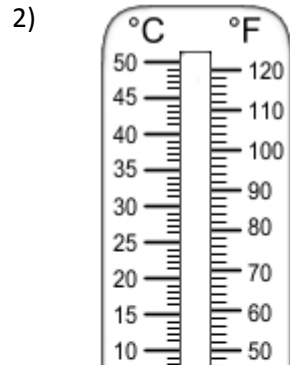
### Temperature Conversion

Celsius to Fahrenheit: ES2

Read the thermometer and convert Celsius into Fahrenheit



$$20\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$



$$-10\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$$

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Example: Convert 30

$$F = 1.8 C + 32$$

Using this formula, F

Convert Celsius into Fahrenheit

5)  $25\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

6)  $15\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

7)  $100\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

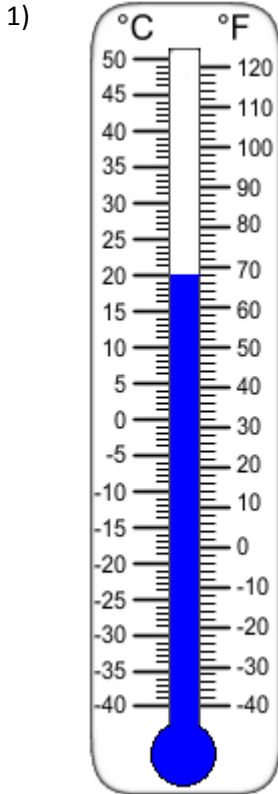
8)  $75\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

9)  $5\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

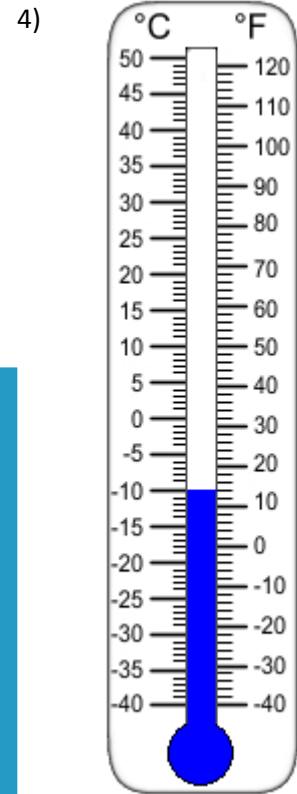
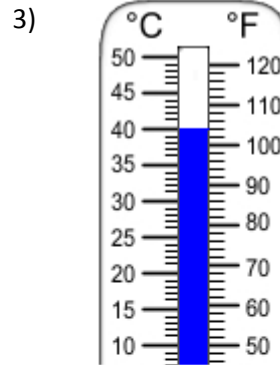
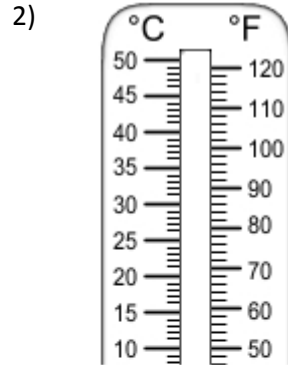
10)  $55\text{ }^{\circ}\text{C} = \underline{\hspace{2cm}}\text{ }^{\circ}\text{F}$

**Answer Key****Temperature Conversion**

Celsius to Fahrenheit: ES2

Read the thermometer and convert Celsius into Fahrenheit

$20^{\circ}\text{C} = 68^{\circ}\text{F}$



$-10^{\circ}\text{C} = 14^{\circ}\text{F}$

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Example: Convert 30°C to Fahrenheit

$$F = 1.8 C + 32$$

Using this formula, F = 1.8(30) + 32 = 86°F

Convert Celsius into Fahrenheit

5)  $25^{\circ}\text{C} = 77^{\circ}\text{F}$

6)  $15^{\circ}\text{C} = 59^{\circ}\text{F}$

7)  $100^{\circ}\text{C} = 212^{\circ}\text{F}$

8)  $75^{\circ}\text{C} = 167^{\circ}\text{F}$

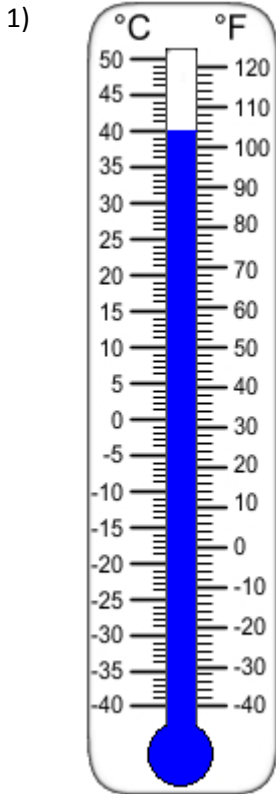
9)  $5^{\circ}\text{C} = 41^{\circ}\text{F}$

10)  $55^{\circ}\text{C} = 131^{\circ}\text{F}$

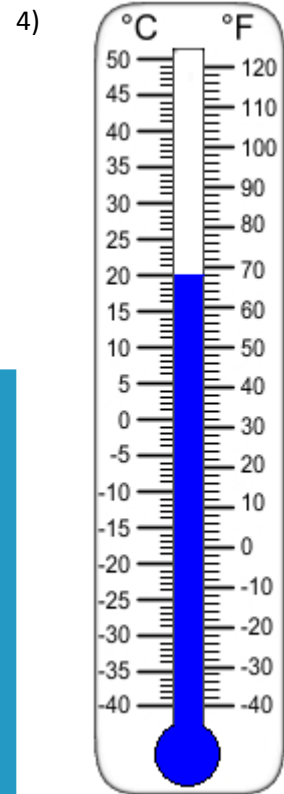
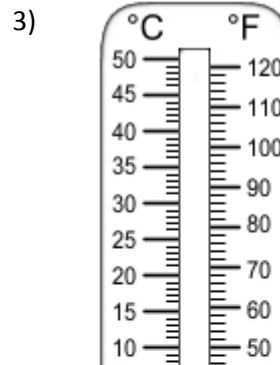
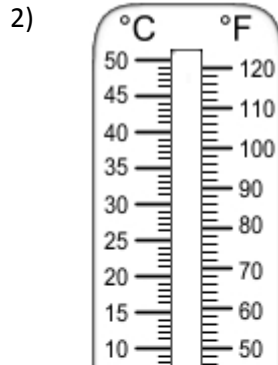
### Temperature Conversion

Celsius to Fahrenheit: ES3

Read the thermometer and convert Celsius into Fahrenheit



$$40\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$$



$$20\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$$

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Example: Convert 10

$$F = 1.8 C + 32$$

Using this formula, F

Convert Celsius into Fahrenheit

5)  $60\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

6)  $85\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

7)  $45\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

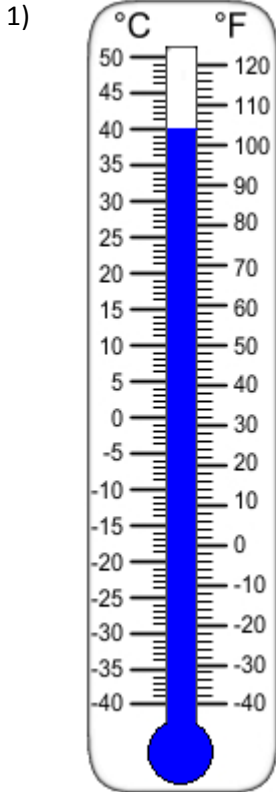
8)  $70\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

9)  $95\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

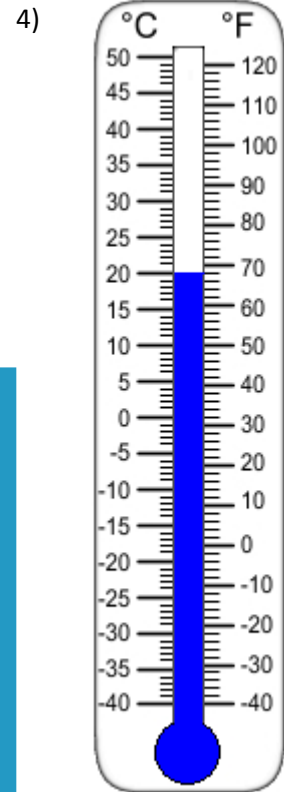
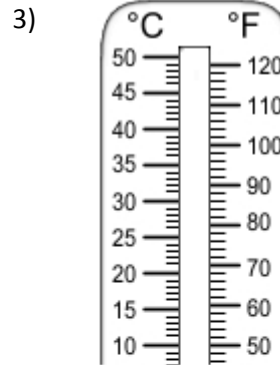
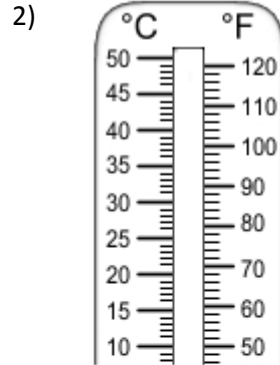
10)  $30\text{ }^{\circ}\text{C} = \text{_____}\text{ }^{\circ}\text{F}$

**Answer Key****Temperature Conversion**

Celsius to Fahrenheit: ES3

Read the thermometer and convert Celsius into Fahrenheit

$$40\text{ }^{\circ}\text{C} = 104\text{ }^{\circ}\text{F}$$



$$20\text{ }^{\circ}\text{C} = 68\text{ }^{\circ}\text{F}$$

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Example: Convert 10°C to Fahrenheit

$$F = 1.8 C + 32$$

Using this formula, F = 1.8(10) + 32 = 50

Convert Celsius into Fahrenheit

5)  $60\text{ }^{\circ}\text{C} = 140\text{ }^{\circ}\text{F}$

6)  $85\text{ }^{\circ}\text{C} = 185\text{ }^{\circ}\text{F}$

7)  $45\text{ }^{\circ}\text{C} = 113\text{ }^{\circ}\text{F}$

8)  $70\text{ }^{\circ}\text{C} = 158\text{ }^{\circ}\text{F}$

9)  $95\text{ }^{\circ}\text{C} = 203\text{ }^{\circ}\text{F}$

10)  $30\text{ }^{\circ}\text{C} = 86\text{ }^{\circ}\text{F}$