

Converting Temperatures | Celsius to Fahrenheit

A) Convert the temperatures from Celsius to Fahrenheit.

Example: Convert 23°C to $^{\circ}\text{F}$.

$$F = 1.8 C + 32$$

$$= 1.8 (23) + 32 = 41.4 + 32 = 73.4^{\circ}\text{F}$$

1) $-89^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

2) $107^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

3) $97^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

4) $8^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

5) $-46^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

6) $-245^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

7) $-58^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

8) $179^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

9) $310^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

10) $-4^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

B) Compare the temperatures using $>$, $<$, or $=$ as appropriate.

1) 43°C 124°F

2) 5°C 41°F

3) 0°C 32°F

4) 110°C 74°F