

Converting between Celsius and Kelvin

A) Convert the temperatures from Celsius to Kelvin.

1) $26^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

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

3) $51^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

4) $77^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

5) $12^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

6) $85^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

7) $63^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

8) $48^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$

B) Convert the temperatures from Kelvin to Celsius.

1) $291 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

2) $314 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

3) $373 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

4) $390 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

5) $362 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

6) $285 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

7) $327 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$

8) $346 \text{ K} = \underline{\hspace{2cm}} ^{\circ}\text{C}$