

Converting between Celsius and Kelvin

Answer Key

A) Convert the temperatures from Celsius to Kelvin.

1) $26^{\circ}\text{C} = \underline{299.15} \text{ K}$

2) $90^{\circ}\text{C} = \underline{363.15} \text{ K}$

3) $51^{\circ}\text{C} = \underline{324.15} \text{ K}$

4) $77^{\circ}\text{C} = \underline{350.15} \text{ K}$

5) $12^{\circ}\text{C} = \underline{285.15} \text{ K}$

6) $85^{\circ}\text{C} = \underline{358.15} \text{ K}$

7) $63^{\circ}\text{C} = \underline{336.15} \text{ K}$

8) $48^{\circ}\text{C} = \underline{321.15} \text{ K}$

B) Convert the temperatures from Kelvin to Celsius.

1) $291 \text{ K} = \underline{17.85} ^{\circ}\text{C}$

2) $314 \text{ K} = \underline{40.85} ^{\circ}\text{C}$

3) $373 \text{ K} = \underline{99.85} ^{\circ}\text{C}$

4) $390 \text{ K} = \underline{116.85} ^{\circ}\text{C}$

5) $362 \text{ K} = \underline{88.85} ^{\circ}\text{C}$

6) $285 \text{ K} = \underline{11.85} ^{\circ}\text{C}$

7) $327 \text{ K} = \underline{53.85} ^{\circ}\text{C}$

8) $346 \text{ K} = \underline{72.85} ^{\circ}\text{C}$