

Converting between Celsius and Kelvin

Answer Key

A) Convert the temperatures from Celsius to Kelvin.

1) $10^{\circ}\text{C} = \underline{283.15} \text{ K}$

2) $81^{\circ}\text{C} = \underline{354.15} \text{ K}$

3) $96^{\circ}\text{C} = \underline{369.15} \text{ K}$

4) $65^{\circ}\text{C} = \underline{338.15} \text{ K}$

5) $39^{\circ}\text{C} = \underline{312.15} \text{ K}$

6) $57^{\circ}\text{C} = \underline{330.15} \text{ K}$

7) $24^{\circ}\text{C} = \underline{297.15} \text{ K}$

8) $73^{\circ}\text{C} = \underline{346.15} \text{ K}$

B) Convert the temperatures from Kelvin to Celsius.

1) $360 \text{ K} = \underline{86.85} ^{\circ}\text{C}$

2) $326 \text{ K} = \underline{52.85} ^{\circ}\text{C}$

3) $312 \text{ K} = \underline{38.85} ^{\circ}\text{C}$

4) $283 \text{ K} = \underline{9.85} ^{\circ}\text{C}$

5) $345 \text{ K} = \underline{71.85} ^{\circ}\text{C}$

6) $344 \text{ K} = \underline{70.85} ^{\circ}\text{C}$

7) $381 \text{ K} = \underline{107.85} ^{\circ}\text{C}$

8) $300 \text{ K} = \underline{26.85} ^{\circ}\text{C}$