

Converting between Celsius and Kelvin

Answer Key

A) Convert the temperatures from Celsius to Kelvin.

1) $37^{\circ}\text{C} = \underline{310.15} \text{ K}$

2) $15^{\circ}\text{C} = \underline{288.15} \text{ K}$

3) $44^{\circ}\text{C} = \underline{317.15} \text{ K}$

4) $52^{\circ}\text{C} = \underline{325.15} \text{ K}$

5) $100^{\circ}\text{C} = \underline{373.15} \text{ K}$

6) $76^{\circ}\text{C} = \underline{349.15} \text{ K}$

7) $91^{\circ}\text{C} = \underline{364.15} \text{ K}$

8) $89^{\circ}\text{C} = \underline{362.15} \text{ K}$

B) Convert the temperatures from Kelvin to Celsius.

1) $303 \text{ K} = \underline{29.85} ^{\circ}\text{C}$

2) $386 \text{ K} = \underline{112.85} ^{\circ}\text{C}$

3) $280 \text{ K} = \underline{6.85} ^{\circ}\text{C}$

4) $354 \text{ K} = \underline{80.85} ^{\circ}\text{C}$

5) $347 \text{ K} = \underline{73.85} ^{\circ}\text{C}$

6) $329 \text{ K} = \underline{55.85} ^{\circ}\text{C}$

7) $318 \text{ K} = \underline{44.85} ^{\circ}\text{C}$

8) $371 \text{ K} = \underline{97.85} ^{\circ}\text{C}$