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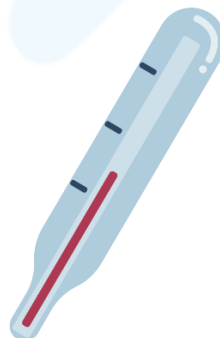
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## TEMPERATURE CONVERSION WORKSHEET II

- 1) Maximum working temperature of a water heater is found to be  $400^{\circ}\text{F}$ . Find this temperature in K.



- 2) Maximum temperature in Alaska rises up to  $100^{\circ}\text{F}$ . What will this temperature in  $^{\circ}\text{C}$ ?
- 3) Joseph got a high fever and doctor told him that his body temperature is around  $103^{\circ}\text{F}$ . What will be the temperature of the body in  $^{\circ}\text{F}$ ?

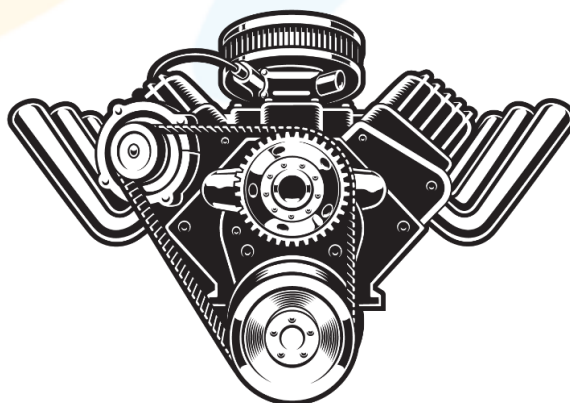


- 4) Fill in the blanks:  
 $1^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

- 5) Weather station predicted that maximum temperature of the day will rise up to  $40^{\circ}\text{C}$ . What will be this temperature in K?
- 6) It was found that mosquitoes die at temperature below  $50^{\circ}\text{F}$ . What will be the temperature in K?
- 7) Yasmin bought a cold drink, and the temperature of the cold drink was  $5^{\circ}\text{C}$ . Find the temperature of the cold drink in Kelvin?



- 8) Convert the given temperatures into  $^{\circ}\text{F}$ :  
i)  $27^{\circ}\text{C}$  ii)  $356\text{ K}$
- 9) Race car engine just after the race was found to be at  $2600^{\circ}\text{C}$ . What will be the temperature of the car engine in  $^{\circ}\text{F}$ ?



- 10) Temperature at the mountain peak was  $42^{\circ}\text{F}$ . If the temperature at the valley was  $5^{\circ}\text{C}$  less than that at peak, find the temperature at the valley in  $^{\circ}\text{F}$ .

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in an interesting way,  
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## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

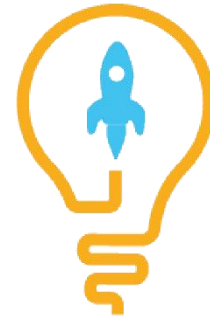
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	477.594K
2)	37.778°C
3)	39.444°C
4)	-17.22°C
5)	104°F
6)	283.15K
7)	278.15K
8)	80.6°F, 181.13°F
9)	4712°F
10)	32.1°F

## FUN FACT

1. At  $-40$  degrees, Fahrenheit and Celsius becomes equal.
2. On the Earth,  $56.7^{\circ}\text{C}$  ( $134.1^{\circ}\text{F}$ ) is the hottest temperature ever recorded (in Death Valley).
3. On the Earth,  $-89.2^{\circ}\text{C}$  ( $-128.6^{\circ}\text{F}$ ) is the coldest temperature ever recorded (in Antarctica).

