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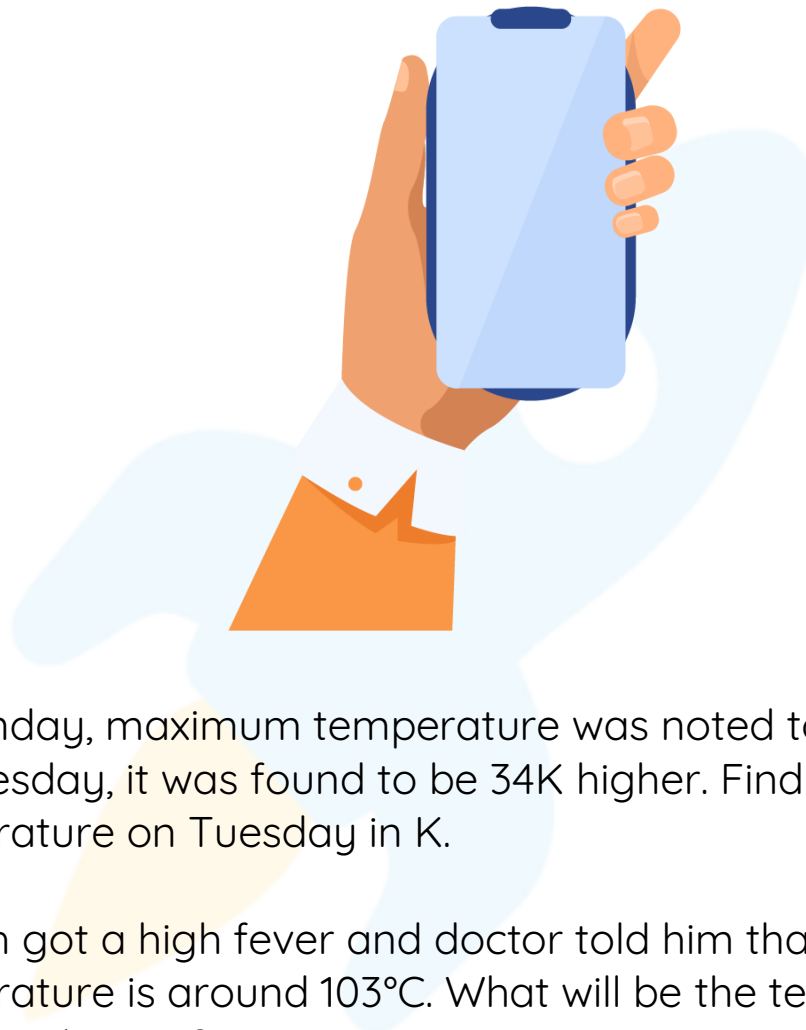
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## TEMPERATURE CONVERSION WORKSHEET III

- 1) Temperature range of a mobile is found to be  $0^{\circ}\text{C}$  to  $35^{\circ}\text{C}$ . Find the temperature range in  $^{\circ}\text{F}$ .



- 2) On Sunday, maximum temperature was noted to be  $22^{\circ}\text{C}$ . On Tuesday, it was found to be  $34\text{K}$  higher. Find the temperature on Tuesday in  $\text{K}$ .
- 3) Joseph got a high fever and doctor told him that his body temperature is around  $103^{\circ}\text{C}$ . What will be the temperature of the body in  $^{\circ}\text{F}$ ?
- 4) Convert  $55^{\circ}\text{F}$  to Kelvin.
- 5) After the snowstorm in Texas, fall in temperature was found to be  $50\text{ K}$ . If before snowstorm it was  $324\text{K}$  in Texas. Found the new temperature in  $^{\circ}\text{F}$ ?



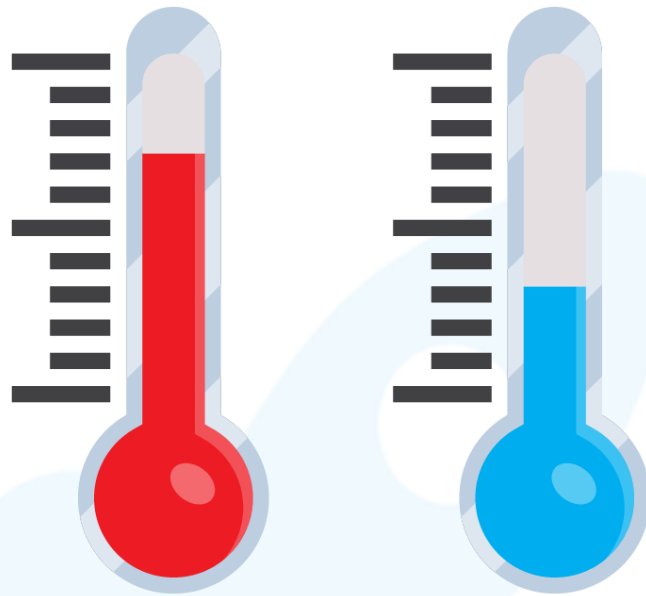
- 6) If water starts boiling at  $100^{\circ}\text{C}$ . Find the boiling temperature of water in K?
- 7) Bianca was baking a cake. If in the recipe it was instructed to keep the temperature of the oven at  $210^{\circ}\text{F}$ . Find the temperature in  $^{\circ}\text{C}$ ?



8) Fill in the blanks:

$$1\text{K} = \_\_\text{°F}$$

9) Maximum temperature in July was noted to be as  $88.4\text{°F}$ .  
Find this temperature in  $\text{°C}$ .



10) According to national climate report, the average  
contiguous U.S. temperature in January 2021 was  $34.6\text{°F}$ .  
Find the temperature in K.

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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."

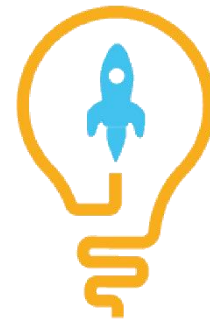
- Kirk Riley

"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)	$32^{\circ}\text{F} - 95^{\circ}\text{F}$
2)	$329.15\text{K}$
3)	$217.4^{\circ}\text{F}$
4)	$285.928\text{K}$
5)	$33.53^{\circ}\text{F}$
6)	$373.15\text{K}$
7)	$98.889^{\circ}\text{C}$
8)	$-457.9^{\circ}\text{F}$
9)	$31.333^{\circ}\text{C}$
10)	$274.594\text{K}$

**FUN FACT**

1. In Antarctica, coldest temperature on Earth ever was recorded.
2. 0 K is the lowest possible temperature that can be achieved theoretically.
3. Sun possesses average temperature of 5600K.

