

Name _____ Class _____ Number _____

Converting Temperatures- Fahrenheit and Celsius

Convert the temperatures from Celsius (°C) to Fahrenheit (°F).

$$F = (C * 9 / 5) + 32$$
$$C = (F - 32) * 5 / 9$$

1. $53^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

2. $40^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

3. $-10^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

4. $0^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

5. $20^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

Convert the temperatures from Fahrenheit (°F) to Celsius (°C).

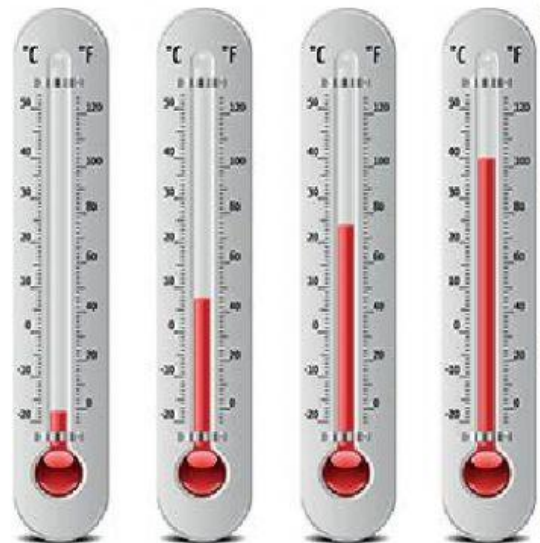
6. $208^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7. $80^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8. $110^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9. $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10. $250^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$



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Convert the temperatures from Celsius (°C) to Kevin (K)

$$K = (273 + C)$$

11. 26 °C = _____ k

12. 50 °C = _____ k

13. 80 °C = _____ k

Convert the temperatures from Kevin (K) to Celsius(°C)

$$^{\circ}\text{C} = (\text{K} - 273)$$

14. 300 K = _____ °C

15. 280 K = _____ °C

