

Name : \_\_\_\_\_

## Converting from Celsius to Fahrenheit

Convert the temperatures from Celsius to Fahrenheit using the formula.

Example: Convert 70 °C to °F.

$$F = 1.8 C + 32$$

$$= 1.8 (70) + 32 = 126 + 32 = 158 \text{ °F}$$

1)  $-11 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$                       2)  $20 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

3)  $69 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

5)  $43 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

7)  $-8 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

9)  $31 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

11)  $-177 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

13)  $-90 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$                       14)  $160 \text{ °C} =$  \_\_\_\_\_  $\text{°F}$

15) The temperature in Seattle was 19 °C. Find the temperature in Fahrenheit.

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Convert the temperatures from Celsius to Fahrenheit using the formula.

Example: Convert 70 °C to °F.

$$F = 1.8 C + 32$$

$$= 1.8 (70) + 32 = 126 + 32 = 158 \text{ °F}$$

1)  $-11 \text{ °C} = \underline{12.2} \text{ °F}$                       2)  $20 \text{ °C} = \underline{68} \text{ °F}$

3)  $69 \text{ °C} = \underline{154.2} \text{ °F}$                       =  $\underline{95} \text{ °F}$

5)  $43 \text{ °C} = \underline{109.4} \text{ °F}$                       =  $\underline{1.4} \text{ °F}$

7)  $-8 \text{ °C} = \underline{17.6} \text{ °F}$                       =  $\underline{131} \text{ °F}$

9)  $31 \text{ °C} = \underline{87.8} \text{ °F}$                       =  $\underline{-126.4} \text{ °F}$

11)  $-177 \text{ °C} = \underline{-298.6} \text{ °F}$                       =  $\underline{402.8} \text{ °F}$

13)  $-90 \text{ °C} = \underline{-130} \text{ °F}$                       14)  $160 \text{ °C} = \underline{320} \text{ °F}$

15) The temperature in Seattle was 19 °C. Find the temperature in Fahrenheit.

**66.2 °F**

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