

1. Convert 40 °C to the Fahrenheit scale.

Solution: Step I: Multiply the number of degree by 9.

$$= 40^{\circ} \times 9$$

$$= 360^{\circ}$$

Step II: Divide the product by 5.

$$= 360^{\circ} \div 5$$

$$= 72^{\circ}$$

Step III: Add 32 to the result.

$$= 72 + 32$$

$$= 104^{\circ} \text{ F}$$

Therefore, 40° C = 104° F

2. Convert 30°C to the Fahrenheit scale.

Solution:

Step I: Multiply the number of degree by 9.

$$= 30^{\circ} \times 9$$

$$= 270^{\circ}$$

Step II: Divide the product by 5.

$$= 270^{\circ} \div 5.$$

$$= 54^{\circ}$$

Step III: Add 32 to the result.

$$= 54 + 32 = 86^{\circ} \text{ F}$$

Therefo

re, 30° C = 86° F

Conversion FAHRENHEIT to CELSIUS

Formula

$$(C = (5/9) \text{ or } 0.556 (F - 32)) = C$$

Examples:

The steps of converting from Fahrenheit to Celsius are reversed here.

Step I Subtract 32 from the degrees.

Step II Multiply the result by 5,

Steps III Devide the product by 9.