

## Converting from Celsius to Fahrenheit

Convert the temperatures from Celsius to Fahrenheit using the formula.

Example: Convert 24 °C to °F.

$$F = 1.8 C + 32$$

$$= 1.8 (24) + 32 = 43.2 + 32 = 75.2 \text{ °F}$$

1) 40 °C = \_\_\_\_\_ °F                      2) -15 °C = \_\_\_\_\_ °F

3) 72 °C = \_\_\_\_\_ °F

5) -39 °C = \_\_\_\_\_ °F

7) 57 °C = \_\_\_\_\_ °F

9) 85 °C = \_\_\_\_\_ °F

11) -13 °C = \_\_\_\_\_ °F

13) 33 °C = \_\_\_\_\_ °F                      14) -29 °C = \_\_\_\_\_ °F

15) As the altitude increases, the temperature drops by 6 °C for every 1,000 feet. How much does the temperature drop by in Fahrenheit?

\_\_\_\_\_

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

www.mathworksheets4kids.com

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

## Converting from Celsius to Fahrenheit

Convert the temperatures from Celsius to Fahrenheit using the formula.

Example: Convert 24 °C to °F.

$$F = 1.8 C + 32$$

$$= 1.8 (24) + 32 = 43.2 + 32 = 75.2 \text{ °F}$$

1) 40 °C = 104 °F                      2) -15 °C = 5 °F

3) 72 °C = 160 °F                      = 410 °F

5) -39 °C = -30 °F                      = 141.8 °F

7) 57 °C = 13 °F                      = 15.8 °F

9) 85 °C = 183 °F                      = -232.6 °F

11) -13 °C = 8 °F                      = 122 °F

13) 33 °C = 91.4 °F                      14) -29 °C = -20.2 °F

15) As the altitude increases, the temperature drops by 6 °C for every 1,000 feet. How much does the temperature drop by in Fahrenheit?

**42.8 °F**

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)