

Temperature Conversion

Celsius to Fahrenheit: MS1

Example: Convert 36°C into $^{\circ}\text{F}$.

$$F = 1.8 C + 32$$

Using this formula, $F = 1.8 (36) + 32 = 64.8 + 32 = 96.8^{\circ}\text{F}$

Convert Celsius into Fahrenheit

1) $26^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 2) $35^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

3) $-12^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

5) $-25^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

7) $-68^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

9) $3^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

11) $-45^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

13) $14^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 14) $-32^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

15) $56^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 16) $72^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

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

Sign up

www.mathworksheets4kids.com

Answer Key**Temperature Conversion**

Celsius to Fahrenheit: MS1

Example: Convert 36°C into $^{\circ}\text{F}$.

$F = 1.8 C + 32$

Using this formula, $F = 1.8 (36) + 32 = 64.8 + 32 = \mathbf{96.8^{\circ}\text{F}}$ Convert Celsius into Fahrenheit

1) $26^{\circ}\text{C} = \mathbf{78.8^{\circ}\text{F}}$

2) $35^{\circ}\text{C} = \mathbf{95^{\circ}\text{F}}$

3) $-12^{\circ}\text{C} = \mathbf{10.4^{\circ}\text{F}}$

$\mathbf{7.2^{\circ}\text{F}}$

5) $-25^{\circ}\text{C} = \mathbf{-13^{\circ}\text{F}}$

$\mathbf{1.2^{\circ}\text{F}}$

7) $-68^{\circ}\text{C} = \mathbf{-62.4^{\circ}\text{F}}$

$\mathbf{59.8^{\circ}\text{F}}$

9) $3^{\circ}\text{C} = \mathbf{37.4^{\circ}\text{F}}$

$\mathbf{5.6^{\circ}\text{F}}$

11) $-45^{\circ}\text{C} = \mathbf{-49^{\circ}\text{F}}$

$\mathbf{4^{\circ}\text{F}}$

13) $14^{\circ}\text{C} = \mathbf{57.2^{\circ}\text{F}}$

14) $-32^{\circ}\text{C} = \mathbf{-25.6^{\circ}\text{F}}$

15) $56^{\circ}\text{C} = \mathbf{132.8^{\circ}\text{F}}$

16) $72^{\circ}\text{C} = \mathbf{161.6^{\circ}\text{F}}$

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

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

www.mathworksheets4kids.com

Temperature Conversion

Celsius to Fahrenheit: MS2

Example: Convert 36°C into $^{\circ}\text{F}$.

$$F = 1.8 C + 32$$

Using this formula, $F = 1.8 (36) + 32 = 64.8 + 32 = 96.8^{\circ}\text{F}$

Convert Celsius into Fahrenheit

1) $48^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 2) $-16^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

3) $24^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

5) $-80^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

7) $12^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

9) $-5^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

11) $-64^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

13) $18^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 14) $-42^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

15) $-27^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ 16) $62^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

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

Sign up

www.mathworksheets4kids.com

Answer Key**Temperature Conversion**

Celsius to Fahrenheit: MS2

Example: Convert 36°C into $^{\circ}\text{F}$.

$F = 1.8 C + 32$

Using this formula, $F = 1.8 (36) + 32 = 64.8 + 32 = \mathbf{96.8^{\circ}\text{F}}$ Convert Celsius into Fahrenheit

1) $48^{\circ}\text{C} = \mathbf{118.4^{\circ}\text{F}}$

2) $-16^{\circ}\text{C} = \mathbf{3.2^{\circ}\text{F}}$

3) $24^{\circ}\text{C} = \mathbf{75.2^{\circ}\text{F}}$

$\mathbf{32.8^{\circ}\text{F}}$

5) $-80^{\circ}\text{C} = \mathbf{-104^{\circ}\text{F}}$

$\mathbf{5.4^{\circ}\text{F}}$

7) $12^{\circ}\text{C} = \mathbf{53.6^{\circ}\text{F}}$

$\mathbf{4^{\circ}\text{F}}$

9) $-5^{\circ}\text{C} = \mathbf{23^{\circ}\text{F}}$

$\mathbf{9.6^{\circ}\text{F}}$

11) $-64^{\circ}\text{C} = \mathbf{-83.2^{\circ}\text{F}}$

$\mathbf{.6^{\circ}\text{F}}$

13) $18^{\circ}\text{C} = \mathbf{64.4^{\circ}\text{F}}$

14) $-42^{\circ}\text{C} = \mathbf{-43.6^{\circ}\text{F}}$

15) $-27^{\circ}\text{C} = \mathbf{-16.6^{\circ}\text{F}}$

16) $62^{\circ}\text{C} = \mathbf{143.6^{\circ}\text{F}}$

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

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

www.mathworksheets4kids.com