

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

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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) $-68^{\circ}\text{C} = \mathbf{-90.4^{\circ}\text{F}}$

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

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

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