

**Temperature Conversion**

Celsius to Fahrenheit: MS2

Example: Convert  $36^{\circ}\text{C}$  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)  $62^{\circ}\text{C} =$  \_\_\_\_\_  $^{\circ}\text{F}$

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**Answer Key****Temperature Conversion**

Celsius to Fahrenheit: MS2

Example: Convert  $36^{\circ}\text{C}$  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)  $62^{\circ}\text{C} = \mathbf{143.6^{\circ}\text{F}}$

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