

Temperature

Name: _____

Date: _____

°C = degree Celsius

°F = degree Fahrenheit

Formula to convert temperatures	
Fahrenheit to Celsius	Celsius to Fahrenheit
1. Subtract 32 from degree Fahrenheit.	1. Multiply degrees Celsius by 9
2. Multiply by 5	2. Divide by 5
3. Divide by 9	3. Add 32

Convert the following temperatures.

1) $69^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

2) $110^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

3) $68^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

4) $42^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

5) $-8^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

6) $-5^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

7) $105^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

8) $70^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

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

10) $-15^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

11) $90^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

12) $-9^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

13) $98^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

14) $-10^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

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

16) $40^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

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3. Divide by 9	3. Add 32

Convert the following temperatures.

1) $69\text{ }^{\circ}\text{C} = 156.2\text{ }^{\circ}\text{F}$

2) $110\text{ }^{\circ}\text{F} = 43.333\text{ }^{\circ}\text{C}$

3) $68\text{ }^{\circ}\text{F} = 20\text{ }^{\circ}\text{C}$

4) $42\text{ }^{\circ}\text{C} = 107.6\text{ }^{\circ}\text{F}$

5) $-8\text{ }^{\circ}\text{C} = 17.6\text{ }^{\circ}\text{F}$

6) $-5\text{ }^{\circ}\text{F} = -20.5556\text{ }^{\circ}\text{C}$

7) $105\text{ }^{\circ}\text{C} = 221\text{ }^{\circ}\text{F}$

8) $70\text{ }^{\circ}\text{F} = 21.111\text{ }^{\circ}\text{C}$

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

10) $-15\text{ }^{\circ}\text{C} = 5\text{ }^{\circ}\text{F}$

11) $90\text{ }^{\circ}\text{C} = 194\text{ }^{\circ}\text{F}$

12) $-9\text{ }^{\circ}\text{F} = -22.7778\text{ }^{\circ}\text{C}$

13) $98\text{ }^{\circ}\text{F} = 36.6667\text{ }^{\circ}\text{C}$

14) $-10\text{ }^{\circ}\text{C} = 14\text{ }^{\circ}\text{F}$

15) $15\text{ }^{\circ}\text{C} = 59\text{ }^{\circ}\text{F}$

16) $40\text{ }^{\circ}\text{F} = 4.444\text{ }^{\circ}\text{C}$