

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) 52 °F = °C

2) 28 °C = °F

3) 14 °C = °F

4) 109 °F = °C

5) -15 °F = °C

6) 80 °C = °F

7) -1 °C = °F

8) 17 °F = °C

9) 38 °F = °C

10) 11 °C = °F

11) 98 °C = °F

12) 81 °F = °C

13) -5 °C = °F

14) 71 °F = °C

15) 97 °F = °C

16) 88 °C = °F

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Convert the following temperatures.

1) $52^{\circ}\text{F} = 11.111^{\circ}\text{C}$

2) $28^{\circ}\text{C} = 82.4^{\circ}\text{F}$

3) $14^{\circ}\text{C} = 57.2^{\circ}\text{F}$

4) $109^{\circ}\text{F} = 42.777^{\circ}\text{C}$

5) $-15^{\circ}\text{F} = -26.111^{\circ}\text{C}$

6) $80^{\circ}\text{C} = 176^{\circ}\text{F}$

7) $-1^{\circ}\text{C} = 30.2^{\circ}\text{F}$

8) $17^{\circ}\text{F} = -8.333^{\circ}\text{C}$

9) $38^{\circ}\text{F} = 3.333^{\circ}\text{C}$

10) $11^{\circ}\text{C} = 51.8^{\circ}\text{F}$

11) $98^{\circ}\text{C} = 208.4^{\circ}\text{F}$

12) $81^{\circ}\text{F} = 27.222^{\circ}\text{C}$

13) $-5^{\circ}\text{C} = 23^{\circ}\text{F}$

14) $71^{\circ}\text{F} = 21.666^{\circ}\text{C}$

15) $97^{\circ}\text{F} = 36.111^{\circ}\text{C}$

16) $88^{\circ}\text{C} = 190.4^{\circ}\text{F}$