

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) $29^{\circ}\text{C} = 84.2^{\circ}\text{F}$

2) $32^{\circ}\text{F} = 0^{\circ}\text{C}$

3) $48^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

4) $23^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

5) $50^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

6) $-16^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

7) $104^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

8) $11^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

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

10) $47^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

11) $105^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

12) $-5^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

13) $24^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

14) $56^{\circ}\text{C} = \text{ }^{\circ}\text{F}$

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

16) $87^{\circ}\text{F} = \text{ }^{\circ}\text{C}$

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3. Divide by 9	3. Add 32

Convert the following temperatures.

1) $29^{\circ}\text{C} = 84.2^{\circ}\text{F}$

2) $32^{\circ}\text{F} = 0^{\circ}\text{C}$

3) $48^{\circ}\text{F} = 8.888^{\circ}\text{C}$

4) $23^{\circ}\text{C} = 73.4^{\circ}\text{F}$

5) $50^{\circ}\text{C} = 122^{\circ}\text{F}$

6) $-16^{\circ}\text{F} = -26.666^{\circ}\text{C}$

7) $104^{\circ}\text{F} = 40^{\circ}\text{C}$

8) $11^{\circ}\text{C} = 51.8^{\circ}\text{F}$

9) $-9^{\circ}\text{F} = -22.777^{\circ}\text{C}$

10) $47^{\circ}\text{C} = 116.6^{\circ}\text{F}$

11) $105^{\circ}\text{C} = 221^{\circ}\text{F}$

12) $-5^{\circ}\text{F} = -20.555^{\circ}\text{C}$

13) $24^{\circ}\text{F} = -4.444^{\circ}\text{C}$

14) $56^{\circ}\text{C} = 132.8^{\circ}\text{F}$

15) $10^{\circ}\text{C} = 50^{\circ}\text{F}$

16) $87^{\circ}\text{F} = 30.555^{\circ}\text{C}$