

Name: _____

Temperature Conversion Worksheet

$K^{\circ} = C^{\circ} + 273$

$F^{\circ} = 9/5 C^{\circ} + 32$ $C^{\circ} = 5/9 (F^{\circ} - 32)$

Convert the following to Fahrenheit

1) $10^{\circ}C$ _____ $^{\circ}F$

2) $30^{\circ}C$ _____ $^{\circ}F$

3) $40^{\circ}C$ _____ $^{\circ}F$

$^{\circ}F \Rightarrow 9/5 C^{\circ} + 32$

Convert the following to Celsius

4) $50^{\circ}F$ _____ $^{\circ}C$

$^{\circ}C = 5/9 (^{\circ}F - 32)$

Convert the following to Kelvin

5) $77^{\circ}F$ _____ K

6) $95^{\circ}F$ _____ K

7) $113^{\circ}F$ _____ K

TWO STEPS

1) $^{\circ}C = 5/9 (F - 32)$

2) $K = ^{\circ}C + 273$

Convert the following to Kelvin

8) $20^{\circ}C$ _____ K

$K = ^{\circ}C + 273$

Convert the following to Celsius

9) $313 K$ _____ $^{\circ}C$

$^{\circ}C = K - 273$

Convert the following to Fahrenheit

10) $338 K$ _____ $^{\circ}F$

TWO STEPS

1. $^{\circ}C = K - 273$

2. $^{\circ}F = (^{\circ}C \times 9/5) + 32$