

### Temperature Conversion and SI Unit 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

Show your work. Box in your complete answer.

1) $10^{\circ} C$	3) $40^{\circ} C$
2) $30^{\circ} C$	4) $37^{\circ} C$

#### Convert the following to Celsius

Show your work. Box in your complete answer.

5) $32^{\circ} F$	7) $80^{\circ} F$
6) $70^{\circ} F$	8) $212^{\circ} F$

#### Convert the following to Kelvin

Show your work. Box in your complete answer.

9) $0^{\circ} C$	11) $90^{\circ} C$
10) $-50^{\circ} C$	12) $-20^{\circ} C$

#### Convert the following to Celsius

Show your work. Box in your complete answer.

13) $0 K$	15) $273 K$
14) $200 K$	16) $350 K$