

Name: _____

Temperature Conversion

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

$$F^{\circ} = 1.8 C^{\circ} + 32 \quad C^{\circ} = (F^{\circ} - 32) / 1.8$$

Convert the following to Fahrenheit

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

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

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

4) $37^{\circ} C$ _____

5) $0^{\circ} C$ _____

Convert the following to Celsius

6) $32^{\circ} F$ _____

7) $45^{\circ} F$ _____

8) $70^{\circ} F$ _____

9) $80^{\circ} F$ _____

10) $90^{\circ} F$ _____

11) $212^{\circ} F$ _____

Convert the following to Kelvin

12) $0^{\circ} C$ _____

13) -50°C _____

14) 90°C _____

15) -20°C _____

Convert the following to Celsius

16) 100°K _____

17) 200°K _____

18) 273°K _____

19) 350°K _____