

Name : \_\_\_\_\_

## Converting from Kelvin to Celsius

Convert the temperatures from Kelvin to Celsius.

Example: Convert 360 K to °C.

$$C = K - 273.15$$

$$= 360 - 273.15 = 86.85 \text{ } ^\circ\text{C}$$

1) 298 K = \_\_\_\_\_ °C

2) 337 K = \_\_\_\_\_ °C

3) 375 K = \_\_\_\_\_

= \_\_\_\_\_ °C

5) 424 K = \_\_\_\_\_

= \_\_\_\_\_ °C

7) 235 K = \_\_\_\_\_

= \_\_\_\_\_ °C

9) 363 K = \_\_\_\_\_

= \_\_\_\_\_ °C

11) 261 K = \_\_\_\_\_ °C

12) 312 K = \_\_\_\_\_ °C

13) The average temperature of a room is 275 K. Convert the temperature to Celsius.

\_\_\_\_\_

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## Converting from Kelvin to Celsius

Convert the temperatures from Kelvin to Celsius.

Example: Convert 360 K to °C.

$$C = K - 273.15$$

$$= 360 - 273.15 = 86.85 \text{ } ^\circ\text{C}$$

1) 298 K = 24.85 °C                      2) 337 K = 63.85 °C

3) 375 K = 1 °C                      = 165.85 °C

5) 424 K = 1 °C                      = -3.15 °C

7) 235 K = - °C                      = 132.85 °C

9) 363 K = 8 °C                      = 67.85 °C

11) 261 K = -12.15 °C                      12) 312 K = 38.85 °C

13) The average temperature of a room is 275 K. Convert the temperature to Celsius.

1.85 °C

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