

Name : _____

Converting from Kelvin to Celsius

Convert the temperatures from Kelvin to Celsius.

Example: Convert 293 K to °C.

$$C = K - 273.15$$

$$= 293 - 273.15 = 19.85 \text{ °C}$$

1) 302 K = _____ °C

2) 313 K = _____ °C

3) 247 K = _____

= _____ °C

5) 368 K = _____

= _____ °C

7) 409 K = _____

= _____ °C

9) 278 K = _____

= _____ °C

11) 349 K = _____ °C

12) 264 K = _____ °C

13) The temperature on the surface of Earth is 288 K. Find Earth's temperature in Celsius.

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Converting from Kelvin to Celsius

Convert the temperatures from Kelvin to Celsius.

Example: Convert 293 K to °C.

$$C = K - 273.15$$

$$= 293 - 273.15 = 19.85 \text{ } ^\circ\text{C}$$

1) 302 K = 28.85 °C

2) 313 K = 39.85 °C

3) 247 K = -9.15 °C

= 12.85 °C

5) 368 K = 94.85 °C

= 105.85 °C

7) 409 K = 135.85 °C

= 47.85 °C

9) 278 K = 4.85 °C

= 141.85 °C

11) 349 K = 75.85 °C

12) 264 K = -9.15 °C

13) The temperature on the surface of Earth is 288 K. Find Earth's temperature in Celsius.

14.85 °C

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