

Name : _____

Converting from Kelvin to Celsius

Convert the temperatures from Kelvin to Celsius.

Example: Convert 450 K to °C.

$$C = K - 273.15$$

$$= 450 - 273.15 = 176.85 \text{ } ^\circ\text{C}$$

1) 442 K = _____ °C 2) 241 K = _____ °C

3) 310 K = _____ °C

5) 428 K = _____ °C

7) 250 K = _____ °C

9) 355 K = _____ °C

11) 283 K = _____ °C 12) 336 K = _____ °C

13) If an outside temperature in Kelvin scale is 301 K, what is the temperature in Celsius?

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Convert the temperatures from Kelvin to Celsius.

Example: Convert 450 K to °C.

$$C = K - 273.15$$

$$= 450 - 273.15 = 176.85 \text{ } ^\circ\text{C}$$

1) 442 K = 168.85 °C

2) 241 K = -32.15 °C

3) 310 K = 36.85 °C

= 50.85 °C

5) 428 K = 154.85 °C

= -8.15 °C

7) 250 K = -23.15 °C

= 97.85 °C

9) 355 K = 81.85 °C

= 145.85 °C

11) 283 K = 9.85 °C

12) 336 K = 62.85 °C

13) If an outside temperature in Kelvin scale is 301 K, what is the temperature in Celsius?

27.85 °C

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