

Name : _____

Converting from Celsius to Kelvin

Convert the temperatures from Celsius to Kelvin.

Example: Convert 36 °C to K.

$$K = C + 273.15$$

$$= 36 + 273.15 = 309.15 \text{ K}$$

1) 75 °C = _____ K

2) -69 °C = _____ K

3) 6 °C = _____

= _____ K

5) 30 °C = _____

= _____ K

7) 42 °C = _____

= _____ K

9) 129 °C = _____

= _____ K

11) -11 °C = _____ K

12) 88 °C = _____ K

13) The average human body temperature is 37 °C. What is the temperature in Kelvin scale?

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Name : _____

Converting from Celsius to Kelvin

Convert the temperatures from Celsius to Kelvin.

Example: Convert 36 °C to K.

$$K = C + 273.15$$

$$= 36 + 273.15 = 309.15 \text{ K}$$

1) 75 °C = 348.15 K 2) -69 °C = 204.15 K

3) 6 °C = 2 _____ = 466.15 K

5) 30 °C = 3 _____ = 273.15 K

7) 42 °C = 3 _____ = 350.15 K

9) 129 °C = 4 _____ = 239.15 K

11) -11 °C = 262.15 K 12) 88 °C = 361.15 K

13) The average human body temperature is 37 °C. What is the temperature in Kelvin scale?

310.15 K

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